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Prof. Ing. František POCHYLÝ, CSc.
Doc. Ing. Jiří POLÁČEK, CSc.
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Prof. Ing. Ladislav RUS, DrSc.
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Prof. Ing. Milan RŮŽIČKA, CSc.
Prof. Ing. Vlastimil RŮŽIČKA, CSc.
Ing. Jan RÝDL
Prof. Ing. Petr SÁHA, CSc.
Ing. František SEDLÁČEK
Ing. arch. Eva SMUTNÁ
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Ing. Karel STANĚK, DrSc. MBA
Prof. Ing. Josef STEIDL, CSc.
Prof. Ing. Jiří STRÁSKÝ, DrSc.
Ing. Jan STRUŽ
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Prof. Ing. Miroslav VÁCLAVÍK, CSc.
Prof. Ing. Michael VALÁŠEK, DrSc.
Ing. Petr VÁRADI
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Prof. Ing. Petr VAVŘÍN, DrSc.
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Ing. Jan ZDEBOR, CSc.
Prof. Ing. Vladimír ZEMAN, DrSc.
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Ing. Karel ŽEBRAKOVSKÝ

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Karl-Heinz WINTER
Hiroyuki YOSHIKAWA
Terry A. YOUNG

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Prof. Ing. Jaroslav JIRÁSEK, DrSc.
Prof. Ing. Zdeněk KOVÁŘ, CSc.
Ing. Jan MRKOS, CSc.
Prof. Ing. Emanuel ONDRÁČEK, CSc.
Ing. Jiří PETRÁK
Prof. Ing. Iva RITSCHELOVÁ, CSc.
Prof. Ing. Zdeněk ŠKVOR, DrSc.
Doc. Ing. Pavel ŠUNKA, CSc.
Prof. RNDr. Ing. Jan VRBKA, DrSc.

President of EACR
Petr ZUNA

Founding member

Professor, Faculty of the Mechanical Engineering, Czech Technical University in Prague
Dr.Eng.h.c. /Univ. Glasgow/ 2003; Rector emeritus /Czech Techn. Univ. Prague/ 1997-2000;
Prof. /Czech Techn. Univ. Prague/ 1992; PhD /Czech Techn. Univ. Prague/ 1972; Ing. /Czech
Techn. Univ. Prague/ 1963

Specialized in: material sci. (metallography). Author of 85 papers in Czech and int. journals,
58 sci. reports, 2 monograph, 23 university and secondary school textbooks.

Sci. Council, Czech Techn. Univ. Prague (member); Sci. Council, Fac. Mech. Eng. Czech
Techn. Univ. Prague (member); Univ. West Bohemia Plzeň (member); 2. LF UK Scientific
Advisory Board (member); Res. Council, Technolog. Agency of the Czech Republic
(member).

Society aff.: Czech Soc. New Materials and Technologies (member); Assoc. Mech. Engng
(member), Soc. Sci. and Art USA (member); Engng Acad. Japan (associate member),
Russian Acad. Engng (foreign member);

Business add.: Czech Technical University in Prague, Faculty of the Mechanical Engineering,
Technická 4, 166 07 Praha 6, Czech Republic

E-mail: petr.zuna@fs.cvut.cz

Vice-President of EACR
Miroslav VÁCLAVÍK

Elected 2000

General Director, VÚTS, Plc. in Liberec, Czech Republic

Prof. /Techn. Univ. Liberec/ 2000; PhD /Czech Techn. Univ. Prague/ 1972; Ing. /Techn. Univ. Liberec/ 1966

Specialized in: theory of mechanism and machines, textile machines, R&D management, design of machines and mechanisms. Author or co-author of more than 50 publications and contributions to colloquiums, 14 patents, 1 monograph (issued in 3 languages).

Membership: Council Assoc. Res. Institutions; Programme Council TIP, Ministry of Industry and Trade; Res. Council, Technological Agency of the Czech Republic.

Society aff.: IFToMM (Nat. Comm-member) and Techn. Comm. Linkages and Cams;

Who is Who, Mech. Engng Soc. USA (member).

Business add.: VÚTS, Plc., Svárovská 619, 460 01 Liberec XI – Růžodol I, Czech Republic

E-mail: miroslav.vaclavik@vuts.cz

Web page: <http://www.vuts.cz>

Vice - President of EACR
Vladimír BREJCHA

Elected 2005

Expert on bridges design and construction, SUDOP Praha

Ing. /Czech Tech. Univ. Prague/ 1968

Specialized in: bridges research, design, technology and construction; management in joint-stock company. Author of several technical papers, 1 monograph and number of conference contributions. Holder of author's certificate for building of prestressed suspended bridges (first completion in the Czech Republic 1977)

Society aff.: Czech Institution of Civil Engs (member); Czech Concrete Soc. (honorary member); IABSE (member); Czech Chamber of Authorized Engineers and Techniques (member).

Business add: SUDOP Praha, Olšanská 5, 130 80 Prague 3, Czech Republic

E-mail: brejcha@smp.cz

Vice - President of EACR
Roman DVOŘÁK

Elected 2009

General Director, Publisher, MM publishing, Ltd., Prague, Czech Republic
Editor-in-Chief (and founder), MM Prumyslove spektrum (in Czech) and MM Science
Journal (in English), Prague, MM publishing, Ltd., Czech Republic
Ing. /Czech Techn. Univ. Prague/ 1996

Specialized in: journalist in technical field, specially engineering technology, design of
machines and R&D. Founder of Hall of fame of the czech's engineering legends

Society aff: ZET Foundation, Vogel Industrie Medien titel's Group (member), Risk
management Comm. (member), Reviewing Comm. Gold Medal (Int. Engineering Fair Brno),
Programme Council of the National Competence Centres (Technology Agency of the Czech
Republic)

Business add: MM publishing, Ltd. Přípotoční 1519/10A, 101 00 Prague 10, Czech Republic
E-mail: roman.dvorak@me.com

Chairman of the Control Committee
Jiří ŠEJNOHA

Elected 1998

Professor, Czech Technical University in Prague, Czech Republic
and

Director of Centre for Integrated Design of Advanced Structures

Vice-Rector /Czech Techn. Univ. Prague/ 1997-2000; Prof. /Czech Techn. Univ. Prague/
1984; DrSc. /Czech Techn. Univ. Prague/ 1983; PhD /Czech Techn. Univ. Prague/ 1968; Ing.
/Czech Techn. Univ. Prague/ 1961

Specialized in: nonlin. mech. mat. engng. Author of 200 papers in Czech and int. journals,
more then 100 sci. reports and related works, 7 monographs, 20 univ. text-books.

Sci. Councils: Czech Techn. Univ. Prague (member); Fac. CE, TE, Czech Techn. Univ.
Prague (member); Adv. Board of Mech., Czech Acad. Sci. (member 1988-1992); Int. Soc. for
Comp. Engng and Sci. (member); Edit. Board, J. Build (member).

Society aff.: Czech Comm. IUTAM (member)

Business add.: Czech Technical University in Prague, Zikova 4, 166 36 Praha 6, Czech
Republic

Chairman of the Nominating Committee
Miroslav ŠKALOUD

Founding member

Scientist, Head of Department, Institute of Theoretical and Applied Mechanics, Academy of Sciences of the Czech Republic

Dr.h.c. /Univ. Liège, Belgium/ 1997; Prof. 1990; Dr.h.c. /Techn. Univ. Budapest/ 1990; DrSc. /Czech Techn. Univ. Prague/ 1971; Assoc. Prof. 1964; PhD /Czechoslovak Acad. Sci./ 1959; Ing. /Czech Techn. Univ. Prague/ 1955

Specialized in: stability problems and limit states of thin-walled structures (structural analysis, buckling, shear lag, local effects, fatigue). Author of 14 monographs and more than 400 papers and conference contributions, editor of 3 int.monographs.

Lectures at 3 Czech and 23 foreign universities, director of 4 int. advanced schools. Long-term stays (visiting professorships and/or research) at universities in Liège (Belgium), Swansea and Cardiff (UK), Osaka (Japan). Sci. Councils of Czech Techn. Univ. Prague and several faculties and res. institutes (member); number of comm. in res. and education (chairman or member); SSRC, USA (corr. member); SSRC Task Groups Int. Co-operation, Composite Construction and Plate and Box Girders (member); Techn. Working Group Plated Structures, Europ. Convention Construct. Steelworks (member); Comm. "Stability", int. project "Tall Buildings" (member); Edit. Board, int .J. Construct. Steel Research (member). Society aff.: Czech Soc. Mechanics; Czech Assoc. Civil Engrs; Struct. Stability Res. Council USA; Int. Assoc. Bridge and Struct. Engng (member).

Business add.: Academy of Sciences of the Czech Republic, Institute of Theoretical and Applied Mechanics, Prosecká 76, 190 00 Praha 9, Czech Republic

E-mail: skaloud@itam.cas.cz

Secretary General
Miloš HAYER

Elected 1995

Former Senior Scientist, Institute of Photonics and Electronics, Academy of Sciences of the Czech Republic

Former Head, Section of Technological Sciences, Czech Science Foundation

PhD /Czech Acad. Sci./ 1992; Res. Fellowship /Nat. Res. Council, Halifax, Canada/ 1969-1971; Ing. / National University of Science and Technology MISiS, Russia/ 1962

Specialized in: physical chemistry, chemical metallurgy and technology of optical fibres.

Author of over 50 papers in Czech. and int. journals and conference proceedings and 6 Czech and int. patents. More than 40 years of practice in basic and applied research (metallurgy, technology of optical fibres), leading positions in research and management.

Society aff. (membership): Russian Acad. Engng; Council, EPSILON Programme of the Technology Agency of the Czech Republic; Czech Soc. New Materials and Technologies.

Business add.: Engineering Academy of the Czech Republic, Národní 3, 110 00 Praha 1, Czech Republic

E-mail: hayer@kav.cas.cz

Web page: <http://www.eacr.cz>

Karel AIM

Elected 2002

Emeritus Research Scientist, Institute of Chemical Process Fundamentals, Czech Academy of Sciences; Advisor to the Academy Council, Czech Academy of Sciences

PhD /Czechosl. Acad. Sci./ 1977; Ing. /Inst. Chem. Technol. Prague/ 1971

Specialized in: state behavior and phase equilibrium of fluid systems, data processing and parameter estimation methods, development of thermodynamic models based on statistical-thermodynamic theory and computer molecular simulations. Author of over 50 papers in refereed int. journals and proceedings, 5 monographs or book chapters, and over 130 international conference contributions. Res. Fellow: Techn. Univ. Denmark, Lyngby (1981-82); Univ. Trieste (9 months 1989-94).

Sci. Boards: Inst. Chemical Process Fundamentals (chairman 1992-2011, vice-chairman 2012-17); Acad. Council, Czech Acad. Sci. (member 1997-2005, 2009-17, Presidium-member 2001-05, 2013-17); Sci. Council, Czech Acad. Sci. (member 2005-09); R&D Council of the Government (member 2010-11, vice-chair 2011-14). Board of Governors, Joint Res. Centre, Europ. Comm. (member 1999-, vice-chair 2008-); Steering Comm., ESAT (member 2000-); Council Sci. Information, Czech Acad. Sci. (chairman 1997-2005); Work. Group on Technology Foresight, IPTS JRC; Work. Party Thermodynamics and Transport Properties, Europ. Fed. Chem. Engng. (member 2007-).

Society aff.: AIChE (member), Czech. Soc. Chem. Engng (member); Czech Chem. Soc. (member).

Business add.: Institute of Chemical Process Fundamentals ASCR, Rozvojová 135, 165 02 Praha 6 - Suchbátka, Czech Republic

E-mail: kaim@icpf.cas.cz

Web page: <http://www.icpf.cas.cz>; <http://www.cas.cz>

Miroslav BALDA

Founding member

Deputy Head, Division of the Diagnostics of Materials, Institute of Thermomechanics, Academy of Sciences of the Czech Republic v. i.

Prof. /Univ. West Bohemia/ 1996; Assoc. Prof. /Univ. West Bohemia/ 1994; DrSc. /Univ.

West Bohemia/ 1987; PhD /Univ. West Bohemia/ 1970; Ing. /Univ. West Bohemia/ 1957

Specialized in: dynamics of machines, fatigue of materials, computational mechanics and measurements. Author of 3 textbooks, 26 articles, 150 conference papers, 17 projects.

Chairman of 3 Int. Conferences; Exam. Board for DSc. Degree (member); Exam. Board for PhD Degree - mechanics of stiff and elastic bodies and environments (member); Nat. Comm., IFToMM (member).

Society aff.: Czech Soc. Mechanics.

Business add.: Academy of Sciences of the Czech Republic, Institute of Thermomechanics,

Division of the Diagnostics of Materials, Veleslavinova 11, 301 00 Plzeň, Czech Republic

E-mail: miroslav@balda.cz

Web page: <http://www.cdm.cas.cz/zamest.html>

Jiří BALÍK

Elected 2012

Rector, Czech University of Life Sciences Prague - CULS, Czech Republic

Professor, Head, Department of Agro-Environmental Chemistry and Plant Nutrition, Czech University of Life Sciences Prague, Czech Republic

Prof. /Czech Univ. Life Sci. Prague/ 2001; PhD /Czech Univ. Life Sci. Prague / 1982; Ing. /Czech Univ. Life Sci. Prague/ 1982; doctor honoris causa /SUA Nitra, Slovakia/ 2014

Specialized in: plant nutrition - evaluation of available pool of nitrogen, phosphorus and sulphur for plants, uptake and distribution of these elements in plants and rhizosphere, fertilizers. Author or co-author of more than 100 publications and 560 citations (Web of Science), *h*-index 14, 4 patents, 9 books.

Membership: Nat. Agency Agricultural Res.; Czech Rectors Conference; Euroleague for Life Sciences (Board member); Danube Rectors Conference (vice-president); Assoc. Europ. Life Sci. Univs - ICA (Board member); The Regional Network for Central and South Eastern Europe of ICA (vice-president); Sci. Councils: CULS Prague; MENDELU Brno; Univ. South Bohemia Č. Budějovice; Univ. Hradec Králové; Univ. Veterinary and Pharmac. Sci. Brno; SUA Nitra, Slovakia; Technical Univ. Zvolen, Slovakia.

Business add.: CULS Prague, Kamýcká 129, Prague-Suchdol, Czech Republic

E-mail: balik@aenef.czu.cz

Web page: <http://www.czu.cz>

Pavel BARTOŠ

Elected 2013

Chief executive officer and Chairman of the Board, FITE a.s. Czech Republic

Ing. /Tech. Univ. Ostrava/ 1976

Specialized in: power engineering, mining of rawmaterials, energy and the environment.

Professional activities: owner of a number of patents and industrial designs, principal investigator of R&D tasks. Publishing activities: lectures at professional events and publishes in professional journals. Vicepresident, Economic chamber of CZ, Czech Republic. President, Assoc.Development of Moravian-Silesian region, Czech Republic.

Board, Tech. Univ. Ostrava (member). Council for Energy and raw materials strategy Czech Republic (member). Res. Council, Technological Agency (member). Membership in sci. and techn. associations:

Business add: FITE a.s., Výstavní 8, 709 51 Ostrava – Mariánské Hory, Czech Republic

E - mail: bartos@fite.cz

Web page: <http://www.fite.cz>

Jiří BĚLOHLAV

Elected 2008

President and Chairman of the Board, Metrostav a.s. in Prague, Czech Republic

Ing. /Czech Techn. Univ. Prague/

Specialized in: bridge and structural engineering.

Society aff.: FIB – Int. Fed. Struct Concrete (Czech deputy delegate); Representative of the assoc. member Metrostav (member); IABSE – Int. Assoc. Bridge and Struct. Engng (member); Czech Concrete Soc. (Head of the Collective Member Metrostav a.s.)

Bussiness add: Koželužská 2450/4, 180 00 Praha 8, Czech Republic

E-mail: jiri.belohlav@metrostav.cz

Web page: <http://www.metrostav.cz>

Jan BEZDÍČEK

Elected: 2015

Director Research and Development, Rockwell Automation s.r.o., Czech Republic

PhD /Czech Tech Univ.Prague/ 2002; Ing. /Czech Tech Univ. Prague/ 1994

Specialized in: industry automation, distributed systems, embedded system, networking, diagnostics. Author or co-author of more than 10 papers and 9 US patents

Membership: IEEE SMC Intelligent Industrial Systems, Academic Board Czech Tech. University Media Lab.

Business add.: Rockwell Automation s.r.o., Pekařská 695/10a, Prague 5, Czech Republic

E-mail: bezdicek@seznam.cz, jbezdicek@ra.rockwell.com

Zdeněk BITTNAR

Elected 1999

Dean, Faculty of the Civil Engineering, Czech Technical University in Prague

Prof. /Czech Techn. Univ. Prague/ 1992; DrSc. /Czech Techn. Univ. Prague/ 1990; PhD

/Czech Techn. Univ. Prague/ 1974; Ing. /Czech Techn. Univ. Prague/ 1966

Specialized in: numerical methods in structural and continuum mechanics. Author of 149 research papers, 4 monographs and 3 edited books. Edit. Board, Int. J. Computers and Structures (member). Visiting positions: Great Britain, Germany, USA.

Society aff.: Czech Soc. Mech. (Board-member); Europ. Assoc. Struct. Dynamics (member);

RILEM (senior member); NAFEMS (member).

Business add: Czech Technical University in Prague, Faculty of the Civil Engineering,

Thákurova 7, 166 29 Praha 6, Czech Republic

E-mail: bittnar@fsv.cvut.cz

Antonín BRNUŠÁK

Elected 2014

Technical director, SMP CZ, a.s., Czech Republic, subsidiary of VINCI Construction and

Board of Directors of Prefa Pro, a.s.

Specialized in: bridge construction. Co-author of grant projects “Concrete Carriageways on Bridges”, “Bio-corridors – Motorway Crossings”, “Centre for Effective and Sustainable Transport Infrastructure”.

Membership: Council for transport industry directives.

Business add.: SMP CZ, a.s, Pobřežní 667/78, 180 00 Praha 8, Czech Republic

E-mail: brnusak@smp.cz

Web page: <http://www.smp.cz>

Karel ČADA

Elected 2009

Teacher, Metropolitan University Prague, Czech Republic
and

Patent attorney, Čermák a spol., Prague, Czech Republic

PhD /Univ. Economics Prague/ 2009; /Int. Visitor Prgm US Dept State Washington,D.C.,
USA/ 2000; /Int. Acad. EPO Munich/ 1998; /Int. Coop. Agency,Tokyo, Japan/ 1994; /Charles
Univ. Prague/ 1978; Ing. /Czech Techn. Univ. Prague/ 1969

Specialized in: intellectual property area - patents, trade marks, licence agreements,
evaluation of intellectual property, know-how. Court expert (1980 up to now). Author or co-
author about 10 publication.

Society aff.: Czech Arbitration and Mediation Assoc. Intellectual Property Area (member).

Business add: Metropolitan University Prague, o.p.s., Dubečská 900/100, 100 31 Prague 10,
Czech Republic

and

Advokátní a patentová kancelář Čermák a spol. Národní 32, Prague 1, Czech Republic

E-mail: karel.cada@seznam.cz

Jiří ČÁP

Elected 2016

Project Coordinator, OLTIS Group a.s.

PhD /University of Pardubice/ 2011; Ing. /University of Pardubice/ 2005

Specialized in: transport management, marketing and logistics cost calculations, legislation in the field of transport, including projects and grants. Author of the 1 paper.

Previous positions: Economist consultant Kobra-Cargo and Mott MacDonald Praha.

Membership: Technology Agency of the Czech Republic (member of the evaluation committee and an opponent); Autoklub Czech Republic (participates / participated in projects within the FIA Institute).

Society aff: SDT – ITS-R, UNIFE – Freight committee, Digitalization Platforms,

Business add.: OLTIS Group, a.s., Dr. Milady Horákové 1200/27a, 779 00 Olomouc

E-mail: jiri.cap@oltisgroup.cz

Web page: <http://www.oltisgroup.cz>

Robert ČEP

Elected 2017

Vice dean for HR Development, Ph.D. Study and External Workplaces, Faculty of Mechanical Engineering, VSB-Technical University of Ostrava, Czech Republic

Prof. /VSB-TU Ostrava/ 2018; Ph.D. /VSB-TU Ostrava/ 2005; Ing. /VSB-TU Ostrava/ 2000

Specialized in: machining and its optimization, cutting tool testing, material machinability determination, development of experimental equipment, measuring and testing, development of prototypes and fixtures. Author or co-author more than 100 papers in journals and on international conferences and 4 patents.

Sci. Boards: Fac. Mech. Engng, VSB-TU Ostrava (member); Fac. of Manuf. Technol. with seat in Presov, TU in Kosice (member).

Membership: Sub-program Council 1, Program Alfa, Technological Agency of the Czech Republic (member).

Society aff.: Tool Factories Association

Business add.: VSB-TU Ostrava Faculty of Mechanical Engineering, of Machining, Assembly and Engineering Metrology, 17. listopadu 15/2172, 708 33 Ostrava Poruba, Czech Republic

Web page: <http://www.fs.vsb.cz>

Tomáš ČERMÁK

Founding member

Director, Research Center ENET-Technical University in Ostrava, Czech Republic

Rector /Techn. Univ. Ostrava/ 2003-2010; Vice - rector /Techn. Univ. Ostrava/ 1992-1997;

Rector /Techn. Univ. Ostrava/ 1990 -1997; Prof. 1990; Assoc. Prof. 1981; PhD /Techn. Univ.

Brno/ 1978; Ing. /Techn. Univ. Brno/ 1964

Specialized in: electrical drives, electrical machines, control, automation and electrical equipment of rolling-mills, mining lifts, technological processes and linear drives. Author of 105 papers, 3 books, 3 patents.

Sci. Councils: Techn. Univ. Ostrava (member).

Society aff.: INEER Board (Int. Network Engng, Education and Research) (chairman)

Business add: VŠB Technical University in Ostrava, tř. 17. listopadu, 708 33 Ostrava, Czech Republic

Vladimír ČERVENKA

Elected 2001

Director, Cervenka Consulting in Prague

PhD /Univ. Colorado in Boulder, USA/ 1970; Ing./Czech Techn. Univ. Prague/ 1963

Specialized in: structural analysis of concrete and reinforced concrete structures with emphasis on numerical modeling, nonlinear methods and computer simulations. Main author and head of the ATENA software team, a successful internationally recognized software for failure analysis of concrete structures. Author of about 150 sci. papers and conference contributions. The winner of the International Prediction Competition of Toronto University in 1982. Recipient of Alexander von Humboldt Foundation Stipendium 1983. Distinguished alumni award, University of Colorado in Boulder, USA, 2000. Medal of merit, International Federation for Structural Concrete 2011.

Society aff.: Int. Ass. Bridge and Struct. Engrs IABSE (member); Fed. Struct. Concrete (fib); Int. Ass. Fract. Mechanics of Concrete and Concrete Structures FRAMCOS (member); Czech Soc. Mechanics (member).

Business add.: Cervenka Consulting, Na Hřebenkach 55, 150 00 Praha 5. Czech Republic

E-mail: cervenka@cervenka.cz

Web page: <http://www.cervenka.cz>

Jaroslav DOLEŽAL

Elected 2005

Former National Executive of Honeywell for Czech Republic
and

Head, Honeywell Prague Laboratory, Czech Republic

Dr.h.c. /Techn. Univ. Brno/ 2009; PhD /Czechoslovak Acad. Sci./ 1974; Ing. /Czech Techn. Univ. Prague/ 1970

Specialized in: theoretical and applied aspects of system modeling, optimal control and decision-making in technical and non-technical (e.g. immunology) areas. Author of 100 research papers and editor of 3 conference proceedings.

Sci. Boards: Techn. Univ. Brno (member); Fac. Electrical Eng. Czech Techn. Univ. Prague (member); Trustee of Czech Techn. Univ. and Masaryk Univ. Brno

Awarded: Czechoslovak Acad. Sci. Prize for Young Scientists (1980); Czechoslovak Acad. Sci. Prize (1989); IFIP Silver Core Medal (1995); Czech Techn. Univ. Praemia Meritorum Medal (2004), CzechInvest Investor of the Year (2006); Czech Manager Assoc. Manager of the Year (2007); Czech Techn. Univ. Commemorative Medal (2014); Ministry of Industry and Trade Silver Medal of Jiří of Kunštát and Poděbrady

Society aff.: Marquis Who'sWho; Who is ...? v České republice

E-mail: dolezalj2014@gmail.com

Ivo DOLEŽEL

Elected 2002

Professor, Department of Electrical Power Engineering, Faculty of Electrical Engineering, Czech Technical University in Prague

Prof. /Czech Techn. Univ. Prague/ 2001; Assoc. Prof. /Univ. West Bohemia Plzeň/ 1996; PhD /Czechosl. Acad. Sci./ 1980; Ing. /Czech Techn. Univ. Prague/ 1973

Specialized in: numerical modeling of electromagnetic fields and solution of associated coupled problems in heavy current applications. Author and co-author of 1 monograph on higher-order finite element methods and about 250 papers in scientific journals and conference proceedings.

Sci. Boards: Czech Techn. Univ. Prague (member); Univ. West Bohemia Plzeň (member); Inst. El. Eng. CAS (member).

Awarded: Czechosl. Acad. Sci. (two times)

Society aff.: IEEE (member); CIGRE (member).

Business add.: Czech Technical University, Faculty of Electrical Engineering, Technická 2, 166 27 Praha 6, Czech Republic

E-mail: dolezel@fel.cvut.cz, dolezel@iee.cas.cz

Jiří DRAHOŠ

Elected 2001

Member of the Senate of the Parliament CR

Past President of the Czech Academy of Sciences of the Czech Republic

Dr.h.c. mult. /Kobe University/ 2017; /Slovak Tech. Univ. Bratislava/ 2006; Prof. /Univ. Chem. Technol. Prague/ 2003; DrSc. /Univ. Chem. Technol. Prague/ 1999; Assoc. Prof. /Univ. Chem. Technol. Prague/ 1994; PhD /Czechosl. Acad. Sci./ 1977; Ing. /Univ. Chem. Technol. Prague/ 1972

Specialized in: chemical engineering, multiphase chemical reactors, over 1200 citations according to SCI.

Awards: State Medal of Merit of the First Grade for service in the area of science (2012);

Senator of the European Academy of Sciences and Arts (2012); Fellow of the Learned Society CR (2009); Votoček medal, Univ. Chem. Technol. Prague (2007); Honorary member of IChemE UK (2005); Czechoslovak Acad. Sci. Prize (1983); A.v. Humboldt Fellow.

Sci. Boards: Masaryk Univ. (member), Univ. Chem. Technol. Prague (member); Board of Governors, Inst. Chem. Technol. Prague (member)

Society aff.: Europ. Fed. Chem. Engng (past-president); Czech Soc. Chem. Engng (president);

Board of Governors, Czech Assoc. Chem. Industry (member);

Business add.: Senate of the Parliament CR, Valdštejnské nám. 17/4, 118 01 Praha 1, Czech Republic

E-mail: drahos@icpf.cas.cz

Web page: <http://www.senat.cz>

Miloš DRDÁCKÝ

Elected 2013

Scientist and Director, Institute of Theoretical and Applied Mechanics, Academy of Science, Czech Republic

Prof. /Czech Techn. Univ. Prague/ 2009; Dr.h.c. /Techn.Univ. "L. Karavelov" Sofia/ 2007;

DrSc. /Czech Techn. Univ. Prague/ 2001; Assoc. Prof. /Techn. Univ. Brno/; PhD

/Czechoslovak Acad. Sci/ 1978; Ing. /Czech Techn. Univ. Prague/ 1968

Specialized in: experimental mechanics and testing of materials and structures, historic materials, structures and sites, research planning & management. Author or co-author of more than 330 journal or conference papers, co-author or editor of 24 books, 1 patent

Member: IABSE, ASCE, RILEM (Tech. Coms. Timber, Masonry, NDT), IASS, ICOMOS

(Sci.Com. ISCARSAH, ISCS, CIVVIH), ECTP (FACH WG6 coordinator), CICOP (hon.

memb.), ČSSI, ČsDVT. Editorial boards of J Perf. Constr. Fac. ASCE, J Arch. Herit., Acta

Tech., Transylv. Nostra. Chairman: Council for Research of the Czech Minister of Culture

Business address: ITAM, Prosecká 76, 190 00 Praha 9, Czech Republic

E-mail: drdacky@itam.cas.cz

Web page: <http://www.itam.cas.cz>; www.arcchip.cz; www.cet.arcchip.cz

Rostislav DROCHYTKA

Elected 2010

Dean, Faculty of Civil Engineering, Brno University of Technology, Czech Republic
and

Director, STAVEXIS, s r.o. Brno, Czech Republic

Prof. /Brno Univ. Technol./ 2001; Assoc. Prof. /Brno Univ. Technol./ 1992; PhD /Brno Univ. Technol./ 1986; Ing. /Brno Univ. Technol./ 1982

Specialized in: building materials engineering, porous, polymer construction, corrosion, degradation and durability of building materials and of concrete rehabilitation, surface structures, evaluation of property and real estate. In 2006 awarded Top Prize for Concrete rehabilitation. Author and co-author of 17 monographs and of more than 250 papers for the international conferences and technical journals. Leader or co-leader of 5 foreign projects and more than 30 national projects.

Sci. Boards: Brno Univ. Technol. (member); Int. Union of testing and res. laboratories for Materials and Structures - RILEM (member); Int. Assoc. for Sci. and Technology of Building Maintenance and the Preservation of Monuments - WTA (member, in CZ chairman); The Concrete Structures Repair Assoc. – SSBK (member); The Czech Chamber of Appraisers (member); Czech Sci. Foundation – GACR (panel 104 - chairman) and (Techn. Sci. Section – vice chairman).

Business add.: BUT, Faculty of Civil Engineering, Veveri 95, 602 00 Brno, Czech Republic
E-mail: drochytka.r@fce.vutbr.cz

Jan DUPAL

Elected 2010

Professor, Department of Mechanics, University of West Bohemia in Pilsen, Czech Republic
Prof. /Univ. West Bohemia Pilsen/2010; PhD /Techn. Univ. Pilsen/1992; Ing. /Techn. Univ. Pilsen/1979

Specialized in: dynamics and stochastic and deterministic vibration of mechanical and mechatronical systems, vibroacoustics, optimization and tuning of structures. Author and co-author of 130 papers in int. Journals and proceedings, 1 book, 90 research reports, 12 textbooks

Society aff: Czech Assoc. Mechanics (Technical Mechanics section - chairman); Gearing Comm, IFToMM (member); GAMM (member).

Business add.: Fac. of Applied Sciences, University of West Bohemia in Pilsen, Univerzitní 8, 30614 Plzeň, Czech Republic

E-mail: dupal@kme.zcu.cz

Radim FARANA

Elected 2009

Professor, Faculty of Business and Economy, Mendel University in Brno, Czech Republic and

Professor, Faculty of Mechatronics and Mechanical Engineering, Kielce University of Technology, Poland

Prof. /Techn. Univ. Ostrava/ 2007; Assoc. Prof. /Techn. Univ. Ostrava/ 2001; PhD /Techn. Univ. Ostrava/ 1992; Ing. /Techn. Univ. Ostrava/ 1987

Specialized in: control, information and expert systems, databases, quality management systems and total quality management systems application. Author and co-author of 2 monograph, 3 books, 29 university textbooks, 58 articles in journals, more than 220 conference papers and 81 research reports.

Sci. Boards: Fac. PEF MENDELU; Univ. MENDEL; Fac Mechatr. Mech. Engng., Tech. Univ. Kielce, Poland; Univ. Defence Brno; Fac. Apl. Inf. UTB Zlin (member).

Boards for PhD. Degree: Fac. Mech. Engng. VSB-TUO, Fac. Econ. VSB-TUO, Fac. Appl. Inf. T. Bata Univ. Zlín, Fac. PEF. MENDELU (member).

Society aff.: Czech Assoc. Sci. Tech. Society (CSVTS), Czech Tech. Assoc. (CMT)

Business address: MENDELU, PEF, Zemědělská 1, 613 00 Brno, Czech Republic

Email: radim.farana@mendelu.cz

Web page: <https://akela.mendelu.cz/~qqfarana/>

Jaroslav FIALA

Founding member

New Technologies Research Center, University of West Bohemia in Plzeň

Prof. /VSB Techn. Univ. Ostrava/ 1997; Assoc. Prof. /VSB Techn. Univ. Ostrava/ 1993; PhD /Slovak Techn. Univ./ 1990; Dr. /Charles Univ. Prague/ 1981; MSc. /Charles Univ. Prague/ 1962

Specialized in: crystallography, solid state physics, materials sci. and engn. Author or co-author of 7 monographs and textbooks, some 100 papers in journals and chapters in books, over 500 other publications. Advisory Boards: Fac. Appl. Sci. and Fac. Engn., Univ. West Bohemia Plzeň (member); Fac. Metallurgy and Materials Engn., Tech. Univ. Ostrava (member).

Society aff.: Int. Center Diffract. Data, Pennsylvania; Czech Soc. Nondestructive Testing (board member).

Business add.: New Technologies Research Center, University of West Bohemia, Universitní 22, 306 14 Plzeň, Czech Republic.

Pavel FIALA

Elected 2005.

Professor, Head, Department. of Physical Electronics, Faculty of Nuclear Science and Physical Engineering, Czech Technical University of Prague

Prof. /Czech Techn. Univ. Prague/ 2003; PhD /Czech Techn. Univ. Prague/ 1977; Ing. /Czech Techn. Univ. Prague/ 1971

Specialized in: optics (physical and nonlinear), optical diffractive structures and holography, optical information processing, electrodynamics, recording optical materials. Author of 81 papers and 48 conferences papers, 28 research reports, 5 Czech patents, 3 textbook.

Society aff.: Int. Soc. Optical Engng - SPIE (member); Optical Soc. America - OSA (member)

Business ad.: Czech Technical University in Prague, Brehova 7, 115 19 Praha 1, Czech Republic

E-mail: pavel.fiala@fjfi.cvut.cz

Zdeněk FRÁNEK

Elected 2015

Architect, Dean, Faculty of Art and Architecture, Technical University of Liberec, Czech Republic

Prof. /VŠUP Praha /2011; Assoc. Prof. /AVU Praha/2008; Ing. arch. /Tech. Univ. Brno/ 1985

Specialized in: architecture, experiments, engineering and building construction, publishing practical and theoretical results of our work, pedagogical thesis and articles, exhibitions.

Business add.: Fránek Architects s.r.o., Kamenná 13, 639 00 Plzeň, Czech Republic

E-mail: franek.arch@email.cz

Zbyněk FROLÍK

Elected 2009

General Manager, LINET spol. s r.o., Želevčice, Czech Republik,
Executive of the Productivity and Innovation Academy
and

Chairman of the Supervisory Board of Pracujme chytřeji, o.p.s.
Ing. /Czech Techn. Univ. Prague/ 1978

Specialised in: management, lean company, innovations, medical equipment. Author or co-author of many Czech and European patents in branch medical equipment. Co-author of 1 book. Regular articles in many economic magazines and daily newspapers. Lectures at more than 50 conferences. Regular lectures in several Czech techn. and econ. Universities and Associations for Management, Innovation and Entrepreneurship.

Awarded: in CR - Excellent Design 2003 Award; Czech Mind – Industry Award; Innovation 2007 Award.

R&D Council Government Czech Rep (Board- member), Czech Council for Export & Investment (member), Sci. Council, Fac. Biomedical Engng, Czech Techn. Univ. Prague (member), Innovation Thursday (Advisory body-member), Confed. Industry&Transport Czech Rep.(Board- member), Export Acad. at CzechTrade Czech Rep. (Council-member), Council Government CR for the Development of Human Resources (2004-6).

Business add.: LINET, spol. s r.o., Želevčice 5, 274 01 Slaný, Czech Republic

E-mail: zfrolik@linet.cz

Web page: <http://www.linet.cz>

Miloslav HADRAVA

Elected 2010

Division Director, Metrostav a.s. Prague, Czech Republic

Ing./Czech Techn.Univ.Prague/1981

Specialized in: execution of civil engineering projects and engineering structures

Society aff : Czech Road Soc. (council – member on behalf of Metrostav a.s.), Czech
Concrete Soc.(member)

Business add: Metrostav a.s, Division 2, Zenklova 2245, 18000 Prague 8, Czech Republic

E-mail: milahadrava@seznam.cz

Petr HÁJEK

Elected 2016

Professor at Czech Technical University in Prague, Faculty of Civil Engineering, Head of Department of Building Structures and Head of Composite Structures Laboratory at University Centre for Energy Efficient Buildings

Prof. /Czech Technical University in Prague/ 2006; CSc. / Czech Technical University in Prague / 1984; Ing. / Czech Technical University in Prague / 1979

Specialized in: theory of building structures, sustainable construction of buildings, complex assessment of building performance quality, LCA, optimization of concrete structures and use of recycled materials. Author or co-author of more than 200 research-based publications, 8 patents, $h_{wos} = 6$, $h_{RG} = 9$. Principal researcher of 13 research projects and co-researcher of more than 20 other research projects.

Membership: fib - International Federation for Structural Concrete – Commission 7 – Sustainable Concrete (chairman), member of fib Technical Council; iiSBE – International Initiative for Sustainable built Environment; IEA – International Energy Agency - Annex 72; Czech Concrete Society (board member) ;CSBS iiSBE Czech – Czech Sustainable Building Society (chairman); Beton TKS (editor).

Business add.: Czech Technical University in Prague, Faculty of Civil Engineering, Thákurova 7, 166 29 Prague 6, Czech Republic

e-mail: petr.hajek@fsv.cvut.cz

Web page: <https://www.cvut.cz>

Jiří HAMMERBAUER

Elected 2019

Vice-Dean for Science, Faculty of Electrical Engineering University of West Bohemia, Pilsen, Czech Republic

Assoc. Prof./University of West Bohemia in Pilsen/ 2003; Ph.D./University of Mechanical and Electrical Engineering in Pilsen (VŠSE)/ 1999; Ing. / University of Mechanical and Electrical Engineering in Pilsen (VŠSE) / 1989

Specialized in: design and development of mains driven power supplies with emphasis on high efficiency, small size, high switching frequency, wide range of input voltage, reliability, and EMC, development of chargers for all types of accumulators, especially of modern Li-ion and Li-pol types. Author or co-author of more than 40 publications and contributions to conferences.

Membership: Board for Science of the Faculty of Electrical Engineering; Board for Science of the University of West Bohemia

Business add.: University of West Bohemia, Faculty of Electrical Engineering, Univerzitní 26, 306 14 Pilsen, Czech Republic

Web page: <https://fel.zcu.cz>

Jaroslav HANÁK

Elected 2013

President, Confederation of Industry, Czech Republic
and

Chairman, Board of Directors and Owner, FTL - First Transport Lines a.s. Prostějov

Ing. /Univ. Economics Prague/ 1977

Specialized in: economy, management and transport

Additional Career: President, Association for Transport, Forwarding and Servicing Firms (ADSSF); President, Transport Union Czech Rep.; Vice-President, Council of Economic and Social Agreement Czech Rep.(Tripartite); Vice-President, Česmad Bohemia. Membership: Council, Economic and Soc. Agreement, Olomouc Region; Presidium, IRU; Council of Presidents of the BUSINESSEUROPE

Business add.: Confederation of Industry of the Czech Republic, Freyova 948/11,190 00
Praha 9

E-mail: jhanak@spcr.cz

Web page: <http://www.spcr.cz>

Václav HAVLÍČEK

Elected 2006

Rector. Czech Technical University in Prague, Czech Republic (2006-2014)

Vice-rector /Czech Techn. Univ. Prague/ 1997–2003; Prof. /Czech Techn. Univ. Prague/ 1997; Assoc. Prof. /Czech Techn. Univ. Prague/ 1991; PhD /Czech Techn. Univ. Prague/ 1977; Ing. /Czech Techn. Univ. Prague/ 1965

Specialized in: circuit theory, magnetic measurements, electronic devices, information systems, development and education, scholarship and research at universities. His publications include numerous textbooks (including 3 in English), papers and patents.

Sci. Boards: Czech Techn. Univ. Prague; Fac. Electrical Engng. Czech Techn. Univ. Prague; Slovak Techn. Univ. Bratislava, National Techn. Museum, Techn. Univ. Liberec, Police Akad. Prague, Fac. Arch. Czech Techn. Univ. Prague

Society aff.: IEEE (senior member)

Business add.: Czech Technical University in Prague, Zikova 4, 166 36 Prague 6, Czech Republic

E-mail: havlicek@cvut.cz

Web page: <http://havlicek.cvut.cz/?node=ho&lang=en>

Richard HINDLS

Elected 2015

Head, Department of Statistics and Probability, University of Economics Prague, Czech Republic

Rector Emeritus, University of Economics Prague 2006-2014 and Dean, Faculty of

Informatics and Statistics University of Economics 2001-2006

Dr.h.c /Univ. Econ. Bratislava, Slovakia/2008; Prof. /Univ. Econ. Prague/ 1998; Assoc. Prof

/Univ. Econ. Prague/ 1993; PhD /Univ. Econ. Prague/ 1988; Ing. /Univ. Econ. Prague/ 1975;

Specialized in: statistics and economics, national accounting, analysis and forecasts of economic time series, statistical methods in marketing research, exploratory data analysis.

Author or co-author 40 books, 26 univ. textbooks, 250 articles published in the Czech Republic and abroad; head researcher and co-researcher of 20 Czech and int. grants and research projects

Membership: Ass.Comptabilité Nat. Paris; Int. Ass. Statistical Education – ISI section,

Amsterdam; Strategic Board of Community of European Management Schools, Paris;

Administrative Council, Univ. Econ. Bratislava; Statistical Board of the Czech Republic

(vice-president); Board, Int. Conference Mathematics and Statistics in the Economy; Edit.

boards of Statistika J. and Politická ekonomie J.; Sci. Board, Fac. Informatics and Statistics,

Univ. Econ. Prague; Comm. Doctoral Studies, Fac. Informatics and Statistics, Univ. Econ.

Prague (Chairman); Sci. Boards: Univ. Econ. Prague and Charles Univ. Prague;

Administrative Council, Charles Univ. Prague; Czech Television Council (vice-president).

Business add.: University of Economics, Prague, nám. W. Churchilla 4, 130 67 Praha 3, Czech Republic

E-mail: Richard.Hindls@vse.cz

Web page: <http://www.vse.cz>

Petr HLADÍK

Elected 2013

Head of Unit of Business Development, Technology Centre of Academy of Sciences CR, Czech Republic

PhD. /Univ. Guelph./ 2005; Ing. /Czech Univ. Life Sci. Prague/ 1997

Specialized in: research and technology policies, R&D&I management, development of innovative businesses, knowledge and technology transfer, management of international R&D projects; former Executive Director of the Technology Agency of the Czech Republic and Director of the Department of Research and Development at the Ministry of Education, Youth, and Sports.

Council Assoc.: Council of the Centres of Competence Programme, Technology Agency of the Czech Republic (member).

Society aff.: Enterprise Europe Network Czech Rep. (member); European BIC Network (certified evaluator); Czech Innovation Award, Czech Innovation Platform (project evaluator).

Business add.: Technology Centre ASCR, Ve Struhach 27, 160 00, Praha 6, Czech Republic

E-mail: hladik@tc.cz

Web page: <http://www.tc.cz>

Jiří HOLOUBEK

Elected 2008

Adviser to the Board of Directors and the Supervisory Board, ELCOM, Inc.

Ing./Techn. Univ. Brno/1979

Specialized in: electromagnetic compatibility in power systems, power quality in supply networks and industrial systems, testing rooms of electrical machines. Author or co-author of 64 publications and contributions to colloquiums. Author of coursebook about distribution systems.

Member of preparatory committee of periodic Colloquium of Energy disturbance, fellow-worker at Techn. Univ. Ostrava and Techn. Univ. Brno.

Society aff: Confederation of Industry of the Czech Republic (member of board),

Electrotechnical Association of the Czech Republic (president), Who is Who.

Business add.: ELCOM, a. s., Na Větrově 34, 142 00 Praha 4, Czech Republic

E-mail: jiri.holoubek@elcom.cz

Web page: <http://www.elcom.cz>

Petr HORYL

Elected 2009

Vice-dean, Faculty of Mechanical Engineering, Technical University of Ostrava Czech Republic

Dr.h.c./Techn. Univ. Kosice/ 2010; Prof. /Techn. Univ. Ostrava/ 2002; CSc. /Techn. Univ. Ostrava/ 1983; Ing. /Techn. Univ. Ostrava/ 1966

Specialized in: theory of FEM, buckling and post-critical behavior of constructions, numerical solutions of contact problems. Author and co-author more than 65 publications and contributions to scientific conferences.

Member of 4 Sci. Councils of the Facs Mech.. Engng (Ostrava, Brno, Praha, Zilina).

Society aff.: Honorable title “Manager of the Field 2006” awarded by Czech Management Association, vice-president of the Moravian-Silesian Automotive Cluster..

E-mail: petr.horyl@vsb.cz

Milan HRABOVSKÝ

Elected 2001

Head, Department of Thermal Plasmas, Institute of Plasma Physics, Academy of Sciences of the Czech Republic

Assoc. Prof. /Univ. West Bohemia/ 2003; PhD /Charles Univ. Prague/1973; RNDr. /Charles Univ. Prague/1973; MSc. /Charles Univ. Prague/1967

Specialized in: thermal plasma physics and technology, electrical discharges in gas and vacuum, arc physics. Author more than 300 publications in journals, books and proceedings of int. conferences, 5patents.

Sci. Council, Inst. Plasma Physics, Czech Acad. Sci.; Exam. Boards for PhD Degree (member); supervisor of advanced studies in plasma physics.

Board of Directors, Int. Plasma Chem. Soc. (member); Executive Comm., Europ. Soc. High Temp. Material Process (member); IUPAC (fellow); CIGRE WG 13-Appl. Arc Phys. (member); World Innovation Found. (fellow); IEEE (member); Union Czech Math. and Physicists (member); Edit. Board, J. Plasma Chem. and Plasma Process (member).

Business add.: Institute of Plasma Physics, Academy of Sciences of the Czech Republic, Za Slovankou 3, 182 00 Praha 8, Czech Republic

E-mail: hrabov@ipp.cas.cz

Web page: <http://www.ipp.cas.cz/www/index1.htm>

František HRDLIČKA

Elected 2006

Dean, Faculty of Mechanical Engineering, Czech Technical University in Prague

Prof., PhD., Ing. /Czech Techn. Univ. Prague/

Specialized in: combustion, power engineering, environmental aspects of combustion of the fossil fuels. Author of more than 20 papers in technical journals, more than 30 proceedings on International Technical Conferences, 40 main technical reports.

Sci. Councils: Czech Techn. Univ. Prague, Nuclear Research Institut Řež, Faculty of Mechanical Engineering STU in Bratislava

Society aff.: Supervision Council of Czech Chamber of Civil Engrs (member), ASME, U.S.A (member)

Business add.: Faculty of Mechanical Engineering, Czech Technical University in Prague, Technická 4, 160 00 Prague 6

E-mail: Frantisek.Hrdlicka@fs.cvut.cz

Jiří JAN

Founding member

Professor; Head of Biomedical Engineering Department, Faculty of Electrical Engineering and Communication, Brno University of Technology

Full Prof. 1991; Assoc. Prof. 1978; PhD 1969; Ing. (MScEE) 1963

Specialized in: radioelectronics and communication with related areas of computer sci., biomedical engineering. Present orientation: digital signal and image processing and analysis, incl. applications in biomedical engng. Author of 2 monographs published abroad and over 280 publications in sci. journals, conferences and patents. Also author of several university textbooks.

Assoc. Editor, J. IEEE Transactions on Biomed. Engng (1996-2000), J. on Advances in Signal Processing (Eurasip, since 2000); Edit. Boards: Research Letters in Sign.Proc. (Hindawi, since 2007), J. of Electrical and Computer Engng. (Hindawi, since 2008); former Czech J. Electronic Horizon. Guest editorship (invited): Jan,J., Sonka,M., Provaznik,I.(Guest Eds.): Special Issue EURASIP J. Appl. Signal Proc. (Hindawi), Vol. 2003, no. 5

Acad. Committees: EURASIP (Europ. Assoc. Signal & Image Processing) - Central European Liaison (1994-2008), national Liason since 2008; Sci. Boards: Brno University of Technology (member 1990-1998), Inst. Sci. Instrumentation, Czech Acad. Sci. (member till 2006); Fac EE, Techn. Univ. Brno (member); Fac. Medicine, Masaryk Univ. Brno (member), Fac. BMI, Czech UT, Prague-Kladno. Reviewer for IEEE, EURASIP, Springer, Elsevier, IMECO, IFBME etc. journals and conferences.

Award: Golden medal Brno University of Technology, 2003.

Society aff.: Int. Program Comm., Biennial Int. Conf. BIOSIGNAL (chairman); membership in Int. Progr. Comm.: Conf. IMEKO TC-13 (member); Program Chair, CSAP 97 Prague 1997 (member); 13. CAETS Convocation 1999, France, Sess. Imaging Technol. (co-chair); Int. Comm. NNESMED 2001, Greece, EURASIP (member), IEEE (member); Czech Group IAPR (member); Czech Soc. BME&MI (member).

Business add.: Brno University of Technology, FEEC, Dept. Biomedical Engng, Kolejní 4, 602 00 Brno, Czech Republic

Přemysl JANÍČEK

Elected 2001

Professor, Institute of Solid Mechanics, Faculty of Mechanical Engineering, Technical University in Brno

Prof. /Tech. Univ. Brno/ 1992; Assoc. Prof. /Tech. Univ. Brno/ 1976; DrSc. /Tech. Univ. Brno/ 1991, PhD /Tech. Univ. Brno/ 1973; Ing. /Slovak Tech. Univ. Bratislava/ 1959

Specialized in: mechanics of solid bodies, computer mechanics and computer aided design of machine systems, theory of systems, theory of experiment and modeling, biomechanics.

Author of 52 papers in Czech and int. journals, more than 60 conference papers, author or co-author 20 univ. textbooks, over 20 research reports, 7 patents, 2 monographs, photographic book „Brno know and unknow,,

Sci. Council, Masaryk Univ. Brno; Exam Board for PhD Degree (chairman).

Society aff.: Czech Soc. Mechanics (member); Biomechanics Czech Soc. (co-chairman);

Czech J. Engng Mechanics (member).

Business add.: Faculty of Mechanical Engineering, Technical University in Brno,
Technická 2, 616 69 Brno, Czech Republic

Jiří JANOŠEC

Elected 2013

Technology Transfer Manager, Technology Centre ASCR, Czech Academy of Sciences
PhD. /Inst. Transport, Techn. Univ. Ostrava/ 2004; Erasmus exchange-student /Univ.
Nottingham UK/ 2000; Ing. /Inst. Transport, Techn. Univ. Ostrava/1998

Specialized in: knowledge and technology transfer, innovation management, R&D
cooperation

Society aff.: Council, ALFA Programme of the Technology Agency of the Czech Republic
(chair), Council, EPSILON Programme of the Technology Agency of the Czech Republic
(member); Enterprise Europe Network Czech Republic (member), CZ Industry Liaison
Officer for European Southern Observatory (ESO) & European Spallation Source (ESS)

Business add.: Technology Centre of the Academy of Sciences CR, Ve Struhach 27, 160 00
Prague 6, Czech Republic

E-mail: janosec@tc.cz

Web page: <http://www.tc.cz>; www.een.cz

Ivo JANOUŠEK

Founding member

PhD /Czech Techn. Univ. Prague/ 1986; Ing. /Czech Techn. Univ. Prague/ 1963

Specialized in: technical cybernetics (theory of control, theory of systems), philosophy of sci. and culture, critic of contemporary art. Author of 19 monographs, 29 patents, about 200 sci. articles, 150 conference papers, 180 art catalogues.

Lectured at 3 Czech universities, Director General Emeritus, National Technical Museum in Prague. Advisory Board, J. Museum Management Int. (member), IBC, ABI, POP International.

Society aff.: Czech Comm., ICOM (member); Executive Comm., CIMUSET (member); Czech Comm., ICOHTECH (member); MUT - Centre Europ. Union of Techn. Museums (president and vice - president); ASI (senator); ECSITE; Advisory Comm., Grant Agency of the Czech Republic (member).

Awarded: diplomas of The Ministry of Education, 1974, 1975; Silver medal of VTS 1986; The Literary Foundation Prize 1988; Prize for literature, CMT 1989; The Gold Prize of ICTP, Italy 1997.

E-mail: ijanousek@centrum.cz

Čeněk JARSKÝ

Elected 2011

Professor, Department of Technology of Structures, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic
and

Director, CONTEC (Construction Technology Consulting), Kralupy n. Vlt., Czech Republic
Prof. /Slovak Techn. Univ. Bratislava/ 2005, DrSc. /Czech Techn. Univ. Prague/ 2001, PhD /Czech Techn. Univ. Prague/ 1982, Ing. /Czech Techn. Univ. Prague/ 1976

Specialized in: technology of structures, project planning and management, mathematical computer modelling of implementation of projects, quality control and environmental influence of projects including safety-at-work, founder of the scientific school of the computer aided construction technology design. Author and co-author of 9 patents, 9 books and monographs, 12 university text books and internet multimedia text books, 350 expertises of implementation procedure of significant projects in the Czech Republic and abroad, more than 160 sci. papers in Czech and int. Journals.

Sci. Council: Fac. Civil Enging, Czech Techn. Univ. Prague (member)

Editorial board: Organization, Technology and Management in Construction Int. J. (member)

Visiting positions: Great Britain, USA

Awards: Bronze medal in CR 1989; Plaque of prof. Chrobák, Fac. CE STU Bratislava 2004, Honourable Mention in the competition for the Innovation of the year 2004

Society aff.: Int. Assoc. Bridge and Structural Enging (member), Int. Assoc. Automation and Robotics in Construction (member), Czech Chamber of Chartered Enginrs and Technicians (member),

Business add.: Czech Technical University in Prague, Faculty of Civil Engineering, Thákurova 7, 166 29 Praha 6, Czech Republic

E-mail: jarsky@fsv.cvut.cz and jarsky@contec.cz

Web page: <http://www.contec.cz>

Zdeněk JEŘÁBEK

Elected 2017

CEO, INFRAM a.s., Praha, Czech Republic

MBA (ÚPPV Praha); EUR ING (FEANI Brussel); CSc. (Tech. University Brno); Ing. (Tech. University Brno);

Specialized in: repair and reinstating of concrete structures – theory, practice, introduction of new technologies, new technologies for the railway construction - theory, practice, introduction of new technologies, building surveillance systems, supervision, lifecycle theory of buildings. Author of many papers at conferences, co-author of several publications.

Membership: Czech Concrete Repair Association (long-time president, now a member of the Managing board); Czech Concrete Society (committee member); Editorial Board of BETON TKS (member); Branch Council at Brno University of Technology - Physical and construction material engineering (member).

Business add.: INFRAM a.s., Peluškova 1407, 198 00 Praha, Czech Republic.

Web page : <http://www.infram.cz>

Josef JÍRA

Elected 2012

Vicedean, Faculty of Transportation Sciences, Czech Technical University in Prague, Czech Republic,

Chairman, Managing Board of Czech Technological Platform “Interoperability of Railway Infrastructure”

and

Head, Department of Mechanics and Materials, Faculty of Transportation Sciences CTU in Prague, Czech Republic

Prof. /Czech Techn. Univ. Prague/ 2001; PhD. /Czechoslovak Acad. Sci./ 1973; Ing. /Czech Techn. Univ. Prague/ 1966

Born 1944

Specialized in: limit states of engineering and transport structures, experimental and computational modelling of stress state and deformation of structures, biomechanics of muscular-skeletal system and artificial replacements. Author or co-author of more than 145 publications and contributions to conferences, 2 patents, 2 monographs.

Membership: Europ. Rail Res. Advisory Council (ERRAC); States Advisory Group, Advisory Board, Europ. Rail Res. Network of Excellence (EURNEX) ; Board, Czech Soc. Mechanics.

Business add.: Faculty of Transportation Sciences, Czech Technical University in Prague, Konviktská 20, 110 00 Praha 1, Czech Republic

E-mail: jira@fd.cvut.cz

Web page: <http://www.fd.cvut.cz>

Aleš JOHN

Elected 1999

Independent expert nuclear energy and safety

MBA /PIBS/ 2004; /Univ. Bratislava/1986; Ing. /Techn. Univ. Brno/1973

Specialized in: radioelectronics, present orientation dosimetry, radiation safety , nuclear safety, management, communication.

Professional career: health physics, several position in dosimetry and radiation protection ČEZ, radiation safety, emergency planning, nuclear safety, Dukovany NPP director, ČEZ vice – president for international affairs, Nuclear Research Institute Řež plc, Chairman of the Board and CEO, World Assoc. Nuclear Operators – member of the board, governor, World Assoc. Nuclear Operators Moscow centre – Chairman of the board.

Business add.: VIA ALTA a.s., Okružní 963, 674 01 Třebíč, Czech Republic

E-mail: ajohn@via-alta.cz

Web page: <http://www.obkjedu.cz>

Karel JUNGWIRTH

Founding member

PALS Director, Institute of Physics & Plasma Physics, v.v.i., Acad. Sci. of the Czech Republic

and

Head, Laser Plasma Research Center

DrSc. /Czech Acad. Sci./ 1992; PhD /Czech Acad. Sci./ 1966; Ing. /Czech Techn. Univ. Prague/ 1963

Specialized in non-linear phenomena and turbulence of magnetized and laser plasmas, high power charged particle beams, numerical modeling and powerful lasers.

Author of over 100 papers in int. journals, of monographs published in the former Soviet Union (1990) and in the USA (1993) and of a textbook for graduate students of the Univ. of Texas (1991) at Austin.

Awarded: Czechosl. Acad. Sci. Price 1982; Czechosl. Foundation for Sci. Literature Price 1986; Czech Techn. Univ. medal 2001, Czech Engineering Academy Price 2001, Ernst Mach medal 2011.

PALS Directorate (chairman) and Int. Adv. Board (member); LASERLAB-EUROPE Consortium Management Board (member); HiPER Steering Committee (member); BEAMS Conf. Int. Adv. (member); Sci. Council-of Academy of Sciences of the Czech Republic (member); Institute of Physics and Institute of Plasma Physics, v.v.i. Councils (member); Sci. Council, Nuclear Res. Inst. Řež (member).

Society aff.: Union of the Czech Mathematicians and Physicists (member).

Business add.: Institute of Physics of the Academy of Sciences of the Czech Republic, Na Slovance 2, 182 21 Prague 8, Czech Republic

E-mail: jungwirth@fzu.cz

Web page: <http://www.fzu.cz>

Ivo JUŘIČKA

Elected 2006

Director, Feron, a.s., Steel Servis Centrum, Czech Republic

Director, FERONA Slovakia, a.s., Steel Servis Centrum, Slovak Republic

Member of the Board of Directors, FERONA Slovakia, a.s., Slovak Republic

Chairman of the Supervisory Board, Automotive Industry Association, Czech Republic

Assoc. Prof. /Techn. Univ. Liberec/ 2003; PhD. /Techn. Univ. Ostrava/ 1993; Ing. /Techn. Univ. Ostrava/ 1986

R&D specialist, Technologist, Head of Department of Metallurgy, Director of the Diesel-Engine, Technical Director, ČKD Motory a.s./1986-2003.

Specialized in: metallurgy, material science, engineering, accidental specialist, activities in: external pedagogical and development activities at the techn. universities: ČVUT in Prague, Techn. Univ. Ostrava, Techn. Univ. Brno, Univ. Pardubice, Techn. Univ. Machinery, Liberec. Autor and co-autor of papers at Czech and int. conferences, head and member of development projects of companies, universities and Ministry of Industry and Trade CR.

Awarded: Professor Píšek Medal

Society aff.: Czech Foundry Soc., Automotive Industry Assoc.

Bussines add: Feron, a.s., Steel Servis Centrum, Vážní 847, 501 12 Hradec Králové, Czech Republic

E-mail: juricka@hrkralove.ferona.cz

Markéta KABOURKOVÁ

Elected 2018

Director, Institute for Science and Education - UPVAV, z.ú. in Brno

Adviser for structural projects funding, economy and financing of Research Institutions and Universities.

Adviser of the Government Commissioner for Sport

Ing. / VSB-Technical University of Ostrava/

Specialized in: Strategic management, conceptions and funding of universities and research institutions; European research funding programs and related legislation.

Previous positions: Adviser of the National Library for strategy and restructuring; Head of the Section of management and strategy, Brno Univ. Technology.

Business add.: UPVAV, z.ú., Nové sady 988/2, Staré Brno, 602 00 Brno, Czech Republic

Web page: <http://www.upvav.cz>

Marcela KARMAZÍNOVÁ

Elected 2016

Professor, Head of the Department of Metal and Timber Structures, Brno University of Technology (BUT), Czech Republic.

Prof. /Brno Univ. of Technology/ 2014; Assoc. Prof. /Faculty of Civil Engineering of BUT/ 2005; Ph.D. /Fac. of Civ. Eng. of BUT/ 1999; Ing. /Fac. of Civ. Eng. of BUT/ 1984.

Specialized in: steel, steel-concrete, and timber structures and bridges; combined and composite structures; experimental verification of load-carrying civil engineering structures; anchorage of steel structures; structural glass; design assisted by testing. Author or co-author of about 250 papers in international and domestic scientific and professional journals or contributions to European and world conferences and symposiums; several study texts, two professional manuals; several verified technologies and functional specimens; co-operation on the creation of utility models.

Sci. Boards: Sci. Council of the Faculty of Civil Engineering, Brno University of Technology (member)

Society aff.: International Association for Bridge and Structural Engineers, Zurich, (member); International Institute for FRP Constructions, Hong Kong, (member); Czech Society for Non-destructive Testing (member); Expert Panel for Technical and Informatics Sciences, Government Council for R&D&I (member).

Business add.: Department of Metal and Timber Structures, Faculty of Civil Engineering of BUT, Veveří St. 331/95, 602 00 Brno, Czech Republic.

E-mail: karmazinova.m@fce.vutbr.cz

Web page: <http://www.fce.vutbr.cz>

Josef KASL

Elected 2014

Scientist, Research and testing institute Plzeň Ltd., Czech Republic

Assoc. Prof. /Univ. West Bohemia Plzeň/ 2011; PhD /Techn. Univ. Plzeň/1992; RNDr /Charles Univ. Prague/1981

Specialized in: electron microscopy, fractography, mater. sci. and engng., failure analysis.

Autor or co-autor of over 130 contributions in journals and proceedings.

Soc. aff: Czech Soc. New Materials and Technologies (acting secretary); ASM International (member); Sampe (member); Sci. Council Fac. Mech. Engn., Univ. West Bohemia (member)

Business add.: Výzkumný a zkušební ústav Plzeň s.r.o., Tylova 1581/46, 301 00 Plzeň, Czech Republic

E-mail: kasl@vzuplzen.cz

Josef KAŠPAR

Elected 2017

General Director, VZLU-The Czech Aerospace Research Centre, Czech Republic

Ing. /Czech Technical University in Prague/ 1993

Specialized in: Aircraft propellers, composite materials and technologies, R&D management, IPR and knowledge transfer. Author or co-author of 3 utility patents and more than 60 research and development reports and publications.

Society aff.: IFAR (International Forum for Aviation Research) /board member/; EREA (European Association of Research Establishments in Aeronautics) /board member/; ASD (Aerospace and Defence Industries Association of Europe) /general assembly member/; Research and Technology Commission of ASD /member/; ACARE (Advisory Council for Aviation Research and Innovation in Europe) /general assembly member/; ALV (Association of the Czech AeroSpace Industry); AVO (Czech Association of Research Organizations) /Presidium member/ etc.

Business add.: VZLU, Beranovych 130, 199 05 Prague - Letnany, Czech Republic

Email: kaspar@vzlu.cz

Web page: <https://www.vzlu.cz>

František KAŠTÁNEK

Elected 2009

Senior Researcher, Institute of Chemical Process Fundamentals (ICPF), Academy of Science of the Czech Republic

Prof. /Prague Inst. Chem. Technol./ 1992; DrSc. /Prague Inst. Chem. Technol./ 1989; PhD /ICPF/ 1964; Ing. /Prague Inst. Chem. Technol./ 1958

Specialized in: chemical engineering and bioengineering, competency in technology development and equipment design in environmental and chemical engineering and biotechnologies, environmental protection and hazardous waste treatment, chemical reactors for multiphase systems and separation processes.

Author of 2 monographs, author or co-author of more than 100 publications in sci. journals and more than 35 contributions at nat. and int. conferences, 15 patents, 45 res. reports, more than 10 granted programs, enterprising in environmental protection. Visit. Prof. in Cuba, Argentina, India.

Director, ICPF (1990-1995); Director and Chief executive, Technol. Center, Czech Acad. Sci. (1992-1995).

Awarded: Hlávka foundation medal, Czech Rep. 2008; Balling medal (Prague Inst. Chem. Technol.) 2007.

Society aff.: Czech. Chem. Soc. (Member, Scientific Secretary 1991-1994), Europ. Fed. Biotechnol (Czech delegate 1986-1994).

Business add.: Institute of Chemical Process Fundamentals, 165 00 Prague 6, Rozvojová 135

E-mail. Kastanek@icpf.cas.cz

Miloslav KEPKA

Elected 2007

Associate professor, Faculty of Mechanical Engineering, University of West Bohemia Plzeň, Czech Republic

and

Director of Regional Technological Institute, Univ. West Bohemia Plzeň

Assoc. Prof. /Univ. West Bohemia/; PhD /Czech Techn. Univ. Prague/ 1987; Ing. /Czech Techn. Univ. Prague/ 1966

Specialized in: applied mechanics, investigation of operational strength and fatigue life of transport means and their parts, R&D management. Author or co-author of more than 120 contributions in journals and proceedings, 1 textbook.

Project management: Competence Center of Railway Vehicles, Technological Agency of Czech Republic.

Center Sci. Boards: EUREKA Council, Ministry Education Czech Rep. (member).

Business add.: Univ. West Bohemia, Faculty of Mechanical Engineering, Regional Technological Institute, Univerzitní 8, 306 14 Plzeň, Czech Republic

E-mail: kepkam@rti.zcu.cz

Web page: <http://rti.zcu.cz>

Karel KLUSÁČEK

Elected 2002

Director, Technology Centre, Czech Academy of Sciences

MBA /Sheffield Hallam Univ. UK/ 1998; PhD /Czech Acad. Sci./ 1978; Ing. /Inst. Chem.

Technol. Prague/ 1973

Specialized in: technology and science policy and innovation strategies, foresight and evaluation of R&D.

Technology Agency CR (President, 2009 - 2011); Sci. and Techn. Res. Comm. (CREST),

Europ. Commission (Czech delegate, UN expert for technology foresight); Czech Foresight

Exercises (nat. co-ordinator 2001, 2005 and 2011).

Business add.: Technology Centre, CAS, Ve Struhach 27, 160 00 Prague 6, Czech Republic.

E-mail: klusacek@tc.cz

Web page: <http://www.tc.cz>

Alena KOHOUTKOVÁ

Elected 2010

Head, Department of Concrete Structures and Bridges, Faculty of Civil Engineering, Czech Technical University, Prague (since 2004) Czech Republic
and

Dean, Faculty of Civil Engineering, Czech Technical University, Prague (since 2010) Czech Republic

Vice rector /Czech Techn. Univ. Prague/ 2006-2009; Assoc. Prof. /Czech Techn. Univ. Prague/ 2009; Prof. /Czech Techn. Univ. Prague/ 2004; PhD /Czech Techn. Univ. Prague/1985; Ing. /Czech Techn. Univ. Prague/1978

Specialized in: analysis of reinforced, prestressed, composite concrete structures, design of fibre reinforced structures, serviceability models of bridges, excessive deflections of prestressed bridges, material modelling, concrete creep and shrinkage, FEM analyses, computational mechanics, identification of materials, recycling of concrete, esthetics in concrete design Principles of Engineering Education. Head of the research teams. Author and co-author of 210 original assessed articles in scientific periodicals and conference proceedings with full text assessment, 25 invited lectures presented mostly at universities in Europe and U.S.A.

Society aff.: Membership in int. and Czech assoc.: FIB, TG 4.1 Serviceability models; SEFI; IABMAS; Czech Profess. Assoc. Civil Engrs (presidium member); Czech Concrete Soc.(steering com. – member); Assoc. Deans of Faculties of Technology; Expert Working Group of ABE; Sci. Board, Czech Techn. Univ. Prague; Exam. Boards for Doctoral Degree and Boards for Professorships

Awards: Innovation Award - 2008; Czech Techn. Univ. Prague Medal – 2010; Innovation Award-2010.

Business add.: Faculty of Civil Engineering, Czech Technical University Prague, Thakurova 7, 166 29 Prague 6, Czech Republic

E-mail: alena.kohoutkova@fsv.cvut.cz

Pavel KOMÁREK

Elected 2012

Member, Presidium of the Technology Agency of the Czech Republic

Specialized in: material science, biomechanics, technology transfer, R&D and innovation management and policy making. Author and co-author of about 60 sci. papers and books on biomechanics, transfer technology, innovation and innovative enterprising etc.

More than 20 years in knowledge based economy and managerial sector (director of Technology and Innovation Centre of the Czech Technical University in Prague, head of counsellors to the minister, deputy minister for research and higher education Ministry of Education, Youth and Sports CR), private consultant, lecturer and advisor in sector R&D and innovation.

Business add.: Technology Agency of the Czech Rep., Evropská 1692/37, 160 00 Prague 6

E-mail: komarek@tacr.cz

Web page: <http://www.tacr.cz>

Vojtěch KONOPA

Elected 2008

Rector, Technical Univerzity of Liberec, Czech Republic

Prof. /Tech. Univ. Liberec/ 1997; Assoc. Prof. /Czech Techn. Univ. Prague/.1994; PhD
/Czech Techn. Univ. Prague/ 1977; Ing. /Czech Techn. Univ. Prague/ 1971

Specialized in: automatic control, information technology, author and co-author of more than
40 publications.

Society aff.: Czech soc. cybernetics and informatics (member).

Business add.: Technical Univerzity of Liberec, Studentská 2, 461 17 Liberec, Czech
Republic

E-mail: vojta.konopa@tul.cz

Petr KONVALINKA

Elected 2015

Chairman of the Technology Agency of the Czech Republic

Rector Emeritus, Czech Technical University in Prague (CTU), Czech Republic
and

Head, Department of Experimental Center, Faculty of Civil Engineering, CTU

Prof. /Czech Techn. Univ. Prague/ 2008; PhD /Czech Techn. Univ. Prague/ 1994

Specialized in: Experimental and theoretical analysis of material and structural properties of all kind of building materials, parts of structures and large-scale civil engineering structures.

Experimental: Material characteristics of all kind of building materials, especially cementitious materials, structural behavior of parts of structures (joints, beams, columns, decks, walls, etc.), civil engineering structures in large scale in the laboratory and also in situ (bridges, highways, high-tall buildings)

Theoretical: structural mechanics – behavior of materials and structures under the loading, numerical analysis of materials and mechanical properties of structures.

Author and co-author of 3 monographs, 109 contributions in Proceedings books of int. conferences, 54 impacted papers in SCOPUS, 34 papers in nat. journals, 66 contributions in Proceedings books of Czech and Slovak conferences, 5 patents. H-index 6.

Business address: CTU Prague, Zikova 4, 166 36 Praha 6, Czech Republic

E-mail: rektor@cvut.cz

Web page: <http://www.cvut.cz>

Svatava KONVIČKOVÁ

Elected 2005

Head, Department of Mechanics, Biomechanics and Mechatronics, Faculty of Mechanical Engineering, Czech Technical University in Prague

Prof. /Czech Techn. Univ. Prague/ 2002; PhD. /Czech Techni. Univ. Prague/ 1991; Ing. /Czech Techn. Univ. Prague/ 1967

Specialized in : biomechanics of musculoscelatel system and his replacements, biomechanics of cardiovascular system and his replacements, dental biomechanics. Author of 2 monographs, 53 articles in journals and 165 proceedings, 7 university mimeographeds, 3 training videos.

Sci. Boards : Fac. Mech. Engng CTU Prague (member); Fac. Biomedical Engng (member); Fac. Applied Sciences, Univ. West Bohemia, (member); 1st School of Medicine, Charles Univ. (member)

Society aff : Czech Soc. Mechanics (member); Czech Soc. Biomechanics (board-member); Int. Soc. Biomechanics (member); Europ. Soc. Biomechanics (member); American Soc. Mech. Engng(member)

Business add: Faculty of Mechanical Engineering, CTU Prague, Technická 4, 166 07 Praha 6, Czech Republic

E-mail: svatava.konvickova@fs.cvut.cz

Michal KORECKÝ

Elected 2009

Vice Chairman, Board of Directors and Chief Operation Officer, ŠKODA TRANSPORTATION a.s., Czech Republic

Assoc. Prof. /Techn. Univ Ostrava/ 2008; PhD /Univ. West Bohemia Pilsen/ 2005; Ing. /Univ. Economics Prague/ 1993

Specialised in: strategic management of a big machine-building plant with subsidiaries, including strategic management of a research, development and capital construction and production.

Publishing activity in special periodicals and author and coauthor in several monographies.

Certified Expert in the Field of Economy – Prices and Appraisals and Managing, Planning and Organizing

Current board membership: Supervisory Board ŠKODA VAGONKA a.s. (chairman);

Supervisory Board ŠKODA TVC s.r.o. (chairman); Supervisory Board VÚKV a.s.

(chairman); Supervisory Board ŠKODA ELECTRIC s.r.o. (vice chairman); Supervisory

Board Pars nova a.s. (vice chairman); Supervisory Board MOVO s.r.o. (vice chairman);

Steering Group for Preparation of the Nat. Policy in R,D and I in CR (2009 through 2015), incl. (RS NP VaVaI) member.

Business add: ŠKODA TRANSPORTATION a.s., Borská 2922/32, Plzeň, 301 00, Czech Republic

E-mail: michal.korecky@skoda.cz

Web page: <http://www.skoda.cz>

Jiří KOTEK

Elected 2017

Director, Institute of Macromolecular Chemistry, Czech Academy of Sciences, Prague, Czech Republic

PhD /Czech Techn. Univ. Prague/ 1998; Ing. / Czech Techn. Univ. Prague/ 1994

Specialized in: polymer physics, structure-property interrelations of plastics, their blends and composites, plastic recycling, R&D management. Author or co-author of 70 papers in impacted journals with over 1100 citations, 3 patents, 3 chapters in monographs.

Supervisory Board: Institute of Inorganic Chemistry, Czech Acad. Sci. (member);

Doctoral study program boards: Techn. Univ. Liberec, Univ. of Chemistry and Technology, Prague (member).

Society aff.: Czech Chemical Society (member); European Polymer Federation (General Assembly member and National representative of the Czech Republic).

Business add.: Institute of Macromolecular Chemistry CAS, Heyrovského nám. 2, 162 06 Prague 6, Czech Republic

Email: kotek@imc.cas.cz

Web page: <http://www.imc.cas.cz>

Josef KOUBEK

Elected 1997

Assoc. Professor, Institute of Chemical Technology in Prague Czech Republic
Rector Emeritus /Inst. Chem. Technol. Prague /1996-2001; Assoc. Prof. /Inst.. Chem.
Technol. Prague/ 1995; PhD /Inst. Chem. Technol. Prague/ 1975; Ing. /Inst. Chem. Technol.
Prague/ 1971

Specialized in: organic technology, adsorption and catalysis, stationary and nonstationary
kinetics of catalyzed reactions, development of indust. syntheses of aliphatic amines and
ketones, acidbase oxide catalysts, zeolite catalysts, bifunctional metal supported catalysts and
development of their indust. manufacture, numerical mathematics. Author of 115 papers and
conference papers and patents; co-author of 2 technological processes.

Res. fellowship, Inst.. Chem. Technol. Prague 1976-1983; lecturer; Sci. Council, Inst. Chem.
Technol. Prague; Sci. Council, Univ. Pardubice

Society aff.: Czech Chem. Soc. (member).

Business add.: Institute of Chemical Technology in Prague, Technická 5, 166 28 Praha 6,
Czech Republic

E-mail: josef.koubek@vscht.cz

Jiří KOUCKÝ

Elected 2005

Senior Scientific Consultant Preciosa, a.s. and Manager, Research and Development, Foundation Preciosa

Head of Strategic Department Preciosa, a.s. 1990-2012 (retired)

PhD /Inst. Chem. Technol. Prague./ 1984; Ing. /Inst. Chem. Technol. Prague./ 1970

Specialized in: glass technology; surface properties and treatment of glass and crystals; optical properties of glass; R&D project management

Author of 15 contributions in journals and proceedings, 10 patents, over 240 design patents, 6 strategy development projects and 3 monograph.

Sci. Boards: Inst. Chem. Technol. Prague (member); Fac.Chem. Techn., Inst.Chem Technol. Prague (member).

Awarded: Glass Award CGS 2017

Society aff.: Czech Glass Soc. (member); Edit. Board, J. Sklář a keramik, (member)

Business add.: Preciosa, a.s. Opletalova 3197, 466 67 Jablonec nad Nisou, Czech Republic

E-mail: jiri.koucky@preciosa.com

Karel KOUŘIL

Elected 2016

Research and Development Manager, FINAL Tools Plc. In Brno, Czech Republic

Ph.D. /VSB - Technical University of Ostrava/ 2003; Ing. /VSB - Technical University of Ostrava/ 1996

Specialized in: manufacturing technology, cutting tools R&D. Author or co-author of more than 60 publications, 1 patent, 2 utility models.

Membership: Research, Development and Innovation Council; Research Board Regional Technological Institute, University of west Bohemia; Association of Research Organizations (Presidium member); Research, Development and Innovation Expert Team, Confederation of Industry of the Czech Republic.

Business add.: FINAL Tools Plc., Vlárská 22, 627 00 Brno, Czech Republic

Web page: <http://www.finaltools.cz>

Jiří KRATOCHVÍL

Founding member

Professor emeritus, Department of Hydrotechnics, Faculty of Civil Engineering, Technical University in Brno

Prof. /Techn. Univ. Brno/ 1982; DrSc. /Czech Techn. Univ. Prague/ 1982; Assoc. Prof. /Techn. Univ. Brno/ 1969; PhD /Techn. Univ. Brno/ 1963; Ing. /Techn. Univ. Brno/ 1954

Specialized in: theory of structures (mathematical and numerical modeling of structures, development of theory and algorithms based on finite element method). Author of 4 monographs, 82 papers, 8 textbooks and 2 manuals.

Exam. Board for PhD Degree-hydrology, hydromechanics, water management (member).

Business add.: Technical University in Brno, Žižkova 17, 662 37 Brno, Czech Republic

Ivo KRAUS

Elected 1996

Professor, Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, Czech Republic

Res. Fellow /Amer. Biographical Inst./ 2005; Dr.h.c. /Siberian State Aerospace Univ. Krasnoyarsk Russia/ 2000; Prof. /Czech Techn. Univ. Prague/ 1991; DrSc. /Czech Techn. Univ. Prague/ 1989; Assoc. Prof. /Czech Techn. Univ. Prague/ 1973; PhD /Czech Techn. Univ. Prague/ 1967; RNDr. /Charles Univ. Prague/ 1967; MSc. /Charles Univ. Prague/ 1959
Specialized in: material sci. (structure and properties of crystals), crystallography, X-ray diffraction. Author and co-author of 42 monographs and univ. textbooks, over 200 papers in Czech. and int. journals and conference proceedings, 110 R&D reports, over 650 other publications.

Exam. Board for PhD Degree (member); Tutor of advanced studies in material and phys. engng.; Sci Council: National Techn. Museum (member)

Society aff. (membership): Soc. History of Sci. and Technology; Czech and Slovak Crystallographic Assoc.; Union Czech Mathem. and Physicists; EA of Russian Federation; Saint Petersburg Acad. Sci., Russia; Int. Higher Educ. Acad. Sci.

Business add.: Czech Technical University in Prague, Faculty of Nuclear Sciences and Physical Engineering, Břehová 7, 115 19 Praha 1, Czech Republic

E-mail: ivo.kraus@fjfi.cvut.cz

Libor KRAUS

Elected 2013

Chairman of the Board, COMTES FHT a.s., Dobřany Czech Republic

Ing. /Univ. West Bohemia/ 1989

Specialized in: materials analysis, metal materials, heat treatment, R&D management. Author or co-author of more than 100 publications and contributions to colloquiums, 1 patent.

Council Assoc. Res. Organizations (president); Czech Society of New Materials and Technologies (statutory body member). Programme Council EUREKA, Ministry of Education, Youth and Sports (member).

Society aff.: AVO, CSNMT, ASM Inter., TMS, SAMPE Int.; Who is Who.

Business add.: COMTES FHT a.s., Průmyslová 995, 334 41, Czech Republic

E-mail: libor.kraus@comtesfht.cz

Web page: <http://www.comtesfht.cz>

Jiří KRECHL

Elected 2012

Director R&D, CzechInvest, Czech Republic

Assoc. Prof. /Inst. Chem. Technol. Prague/ 1983; PhD /Inst. Chem. Technol. Prague/ 1981;

Ing. /Inst. Chem. Technol. Prague/ 1977

Specialized in: organic and bioorganic chemistry, managing chemical databases, digitization of chemical resources, innovative industry in general. Author or co-author of about 50 papers and 1 book.

Programme Council Competence Centres (Technology Agency of the Czech Republic)

Business add.: CzechInvest, Štěpánská 15, 12000 Prague 2, Czech Republic

E-mail: jiri.krechl@czechinvest.org

Web page: <http://www.czechinvest.org>

Jan KROUPA

Elected 2017

Director General, ŘSD, ČR (2014-2019)

Ing. /Czech Techn. Univ. Prague/ 2004

Specialized in: transport structures and constructions, management of highways planning and construction.

Business address: ŘSD ČR, Čerčanská 2023/12, 140 00 Praha 4-Krč, Czech Republic

E-mail.: jan.kroupa@rsd.cz

Web page: <http://rsd.cz>

Pavel KŘEČEK

Elected 2010

Chartered Engineer

Ing. /Czech Techn. Univ. Prague/ 1967

Specialized in: water management, town engineering.

Publications in the field of town engineering.

Society aff.: Czech Institution of Civil Engs (member), SIA RV CR (president), Czech Chamber of Chartered Engineers and Technicians (chairman since 2008).

E-mail: pao.krecek@seznam.cz

Web page: <http://www.ckait.cz>

Jiří KŘEN

Elected 2002

Professor, Department of Mechanics, Faculty of Applied Science, University of West Bohemia, Plzeň, Czech Republic

Prof. /Univ. West Bohemia Plzeň/ 2001; Assoc. Prof. /Techn. Univ. Plzeň/ 1988; PhD /Techn. Univ. Plzeň/ 1984; Ing. /Techn. Univ. Plzeň/ 1975

Specialized in: linear and non-linear mechanics of continuum; biomechanics; interaction between fluid flow and deformable bodies. Author of over 130 contributions in journals and proceedings and 1 monograph.

Sci. Boards (membership): Branch Council doctor studies, Techn. Univ. Plzeň and Czech

Techn. Univ. Prague. Sci. Councils (membership): Fac. Applied Sci., Techn. Univ. Plzeň;

Techn. Univ. Plzeň; Medical Faculty Plzeň; Charles Univ. Prague. Assembly, Czech Acad.

Sci.; Exam. Comm. for PhD Degree.

Society aff.: Czech Soc. Mechanics (member); Czech Soc. Biomechanics (member)

Business add.: Faculty of Applied Sciences, University of West Bohemia, Plzeň, Univerzitní 22, 306 14 Plzeň, Czech Republic

E-mail: kren@kme.zcu.cz

Petr KŘENEK

Elected 2005

Director, Institute of Plasma Physics, v.v.i., Academy of Sciences of the Czech Republic
PhD /Czechoslovak Acad. Sci./ 1982; Ing. /Czech Techn. Univ. Prague/ 1972

Specialized in: electromagnetic field theory; kinetic theory of partially ionized gases;
composition, thermodynamic and transport properties of thermal plasmas. Author of over 40
contributions in journals and proceedings

Sci. Board: Fac. Mech. Engng, Czech Techn. Univ. Prague (member); Nuc. Res. Inst. (Řež);
Management Boards: Univ. West Bohemia Plzeň (member); AMVIS (member); Steering
Comm. Euratom Fusion (member)

Awarded: Czechoslovak Acad. Sci. Prize

Society aff.: Czech Soc. New Materials and Technologies (member); Deutsche Gesellschaft
fuer Plasmatechnologie (member).

Business add.: Academy of Sciences of the Czech Republic, Institute of Plasma Physics,
v.v.i., Za Slovankou 3, 182 00 Praha 8, Czech Republic

E-mail: krenek@ipp.cas.cz

Vladimír KŘÍSTEK

Founding member

Professor, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic

Prof. /Czech Techn. Univ. Prague/; dr.h.c. 2014; DrSc. /Czech Techn. Univ. Prague/ 1977;

PhD /Czech Techn. Univ. Prague/ 1967; Ing. /Czech Techn. Univ. Prague/ 1962

Specialized in: structural engng, structural mechanics - bridges, tall buildings, concrete and composite structures - advanced structural analysis, thin-walled structures, stability problems, creep and shrinkage of concrete. Author of more than 700 research papers and 13 monographs.

Active as consultant to construction firms. Partner of the Křístek, Trčka Ltd., Prague. Visiting prof. and scholar at universities abroad; tutor of advanced studies in structural engng; Exam. Board for PhD Degree (chairman).

Business add.: Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 166 29 Praha 6, Czech Republic

e-mail: VladimírKřístek@seznam.cz

Karel KŘÍŽEK

Elected 2014

Chairman, Board and CEO, ÚJV Řež, a.s., Czech Republic

MBA /Sheffield Hallam Univ./ 2006; Ing. /Techn. Univ. Pilsen/ 1980

Specialized in: Energy production, instrumentation and control, engineering, nuclear research in the energy and medical sectors.

Work activities: NPP Temelin – Design, Construction and Start up activities, Modernizations of the Conventional and Nuclear Power Plants.

Membership in scientific and technical associations: West Bohemian Univ. Pilsen (management Board), Nuclear res. center Řež (Supervisory Board), Res. and Testing Institute Pilsen (Sci. Advisory Board), Sustainable Energy for the Czech Republic (Board).

Business add.: ÚJV Řež, a. s. Hlavní 130, Řež, 250 68 Husinec, Czech Republic

E-mail: karel.krizek@email.cz, karel.krizek@ujv.cz

Web page: <http://www.ujv.cz>

Vladimír KUČERA

Founding member, vice president 1999-2006

Professor, distinguished researcher, vice director, Czech Institute of Informatics, Robotics and Cybernetics, Czech Technical University Prague

Emeritus scientist, Academy of Sciences of the Czech Republic

Dr.h.c. /Univ. Henri Poincaré, Nancy, France/ 2005; Dr.h.c. /Univ. Paul Sabatier, Toulouse, France/ 2003; Honorary Prof. /Shenyang, China/ 1999; Prof. /Czech Tech. Univ. Prague/ 1996; DrSc. /Czechosl. Acad. Sci./ 1979; PhD /Czechosl. Acad. Sci./ 1970; Ing. /Czech Tech. Univ. Prague/ 1966.

Specialized in: systems and control theory, pioneer of polynomial design methods for linear control systems, resolution of the long-standing open problem of decoupling, best known result the Youla-Kučera parameterization of all stabilizing controllers. Author of 4 monographs and 350 research papers, Google Scholar registers 6,900 citations, h-index 39. Visiting positions: Australia, Canada, France, Japan, Italy, Mexico, Sweden, Switzerland, USA.

Awarded: Prize Czechosl. Acad. Sci. (1973); National Prize Czech Rep. (1989); Automatica Prize Paper Award (1990); Medal Ministry Educ. Czech Rep. (2000); Felber Gold Medal (2006); French govt. medal Chevalier dans l'ordre des Palmes Académiques (2006).

Society aff.: Int. Fed. Automatic Control (advisor, fellow, former president); Inst. Electrical and Electronics Engrs (life fellow, former board of governors member); Czech Soc. Cybernetics and Informatics (member).

Business add.: Czech Technical University Prague, Czech Institute of Informatics, Robotics and Cybernetics, Jugoslávských partyzánů 1580/3, 160 00 Praha 6, Czech Republic.

E-mail: kucera@cvut.cz

Web page: <http://people.ciirc.cvut.cz/~kucera/>

Zdeněk KUČERA

Elected 2008

Analyst, senior project manager, Technology Centre of the Academy of Sciences of the Czech Republic

PhD /Charles Univ. Prague/ 1992; Ing. /Czech Techn. Univ. Prague/ 1979

Specialized in: physics, research and innovation policy. Author or co-author of more than 50 publications in physics as well as in R&D and innovation policy issues.

Business add.: Technology Centre of the Academy of Sciences of the Czech Republic, Ve Struhách 27, 160 00 Prague 6, Czech Republic

E-mail: kucera@tc.cz

Web page: <http://www.tc.cz>

Vratislav KULHÁNEK

Elected 1999

Chairman, Supervisory Board, Škoda Auto a.s.

Dr.h.c. /Univ. Ostrava/, Univ. Košice/; /European Business School Prague/1992, Ing./Univ. Economics Prague/ 1971

Specialized in: automotive industry, publications in J. Automobile Forum, Automobile Production, Automobile Int. Management.

Acad. Boards: Charles Univ. (member), Univ. Economics Prague (member).

Society aff.: Automotive Industry Assoc. (president), Czech Institut of Directors (president)

Business add.: Reprezentace Škoda Auto a.s., Masarykovo nábřeží 28, 110 00 Prague 1, Czech Republic

E-mail: vratislav.kulhanek@skoda-auto.cz

Jaromír KUNRT

Elected 2002

Director, Division 7, METROSTAV a.s. (retired)

Ing. / Czech Techn. Univ. Prague/ 1971

Specialized in: steel structures in the domain of civil and mechanical engineering

Awarded: 3 honorary prizes for important achievements

Zdeněk KŮS

Elected 2010

Rector, Technical University of Liberec, Czech Republic

Prof. /Techn. Univ. Liberec/ 2006; Dr. /Techn. Univ. Liberec/ 1996; Ing. /Czech Techn.Univ. Prague/1984

Specialized in: automation of apparel and textile processes, development of new fabric measuring methods. Autor or co-author of more than 80 publications and contributions to colloquiums, 3 patents, 2 patent applications

Bussiness add.: Technical University of Liberec, Studentská 2, 46117 Liberec 1, Czech Republic

E-mail: zdenek.kus@tul.cz

Martin KVAPILÍK

Elected 2013

Director of Quality and IT, TOSHULIN, a.s., Hulín, Czech Republic.

Mgr. /Palacký Univ. Olomouc/ 1998;. Ing. /Techn. Univ. Brno/ 1991

Specialized in: enterprise resource planning (ERP) systems in engineer-to-order (ETO) production types, planning and management of R&D and manufacturing, innovation systems in design and production. Author or co-author of 15 publications and contributions to colloquiums, 1 patent.

Awarded: IFS Innovation Award winner, 2012, Gothenburg, Sweden.

Business add.: TOSHULIN, a.s., Wolkerova 845, 76824 Hulín, Czech Republic.

E-mail: martin.kvapilik@toshulin.com

Web page: <http://www.toshulin.com>

Aleš LACIOK

Elected 2013

Manager of Research and Development, ČEZ, a.s., Czech Republic

Mgr. /Charles Univ. Prague/ 1991; MBA /Sheffield Hallam Univ./ 2006

Specialized in: energy production and utilization, energy R&D, nuclear energy fuel cycles, environmental impacts of energy technologies, environmental chemistry

Chairman, Execut. Comm. Technol. Platform “Sustainable Energy”

Membership: Execut. Comm., OECD IEA Greenhouse Gas R&D Programme; Execut.

Comm., NUGENIA Nuclear Assoc.; VGB E-Max Steering Comm.

Business address: ČEZ, a.s., Duhová 2/144, Prague 4, Czech Republic

E-mail: ales.laciok@cez.cz

Web page: <http://www.cez.cz>

František LAMBERT

Elected 2006

Chief Executive Officer, Member of Board of Directors, ISCARE IVF, a.s
and

Chief Executive Officer, LA COMPOSITE, s.r.o.

Manager school Prague; Ing. /Univ. West Bohemia, Plzeň/ 1979

Previous positions: Finance Director, KOVOSVIT a.s. Sezimovo Ústí (1992 – 1996), Chief Executive Officer and a Chairman of the Board, KOVOSVIT a.s. Sezimovo Ústí (1996 – 2000), Director General and a Chairman of the Board, TAJMAC – ZPS, a.s. (2001 – 2003), Chief Executive Director, Czech Television (2003 – 2007), Finance Director, Czech Television (2003 – 2007), Chief Executive and Programme Director, Czech Television (2005 – 2007), Centre Manager of Shopping Centre Galerie Harfa, LIGHTHOUSE GROUP (2010).
Lecturer: Czech Techn. Univ. Prague and Baťa Univ. Zlín

Society aff.: Advisor to CEO and Chairman (candidate for CEO and Chairman), NOVÁ HUŤ Ostrava (2001), 1. Vice Chairman, Member of Supervisory Board, Assoc. enging technol. (1998 – 2002), Member of Board of Directors, ZPS- SLÉVÁRNA, a.s. Zlín (2002 - 2003), Chairman of Board of Trustees, district hospital Tábor (1999 – 2006)

Awards: „Successful manager of the Year“ (1998 and 1999), Finance Director of the year 2005

Business add.: LCG – 360° Consulting, s r.o., Politických vězňů 11, 110 00 Prague 1

E-mail: lambert@lcg360.cz

Petr LENFELD

Elected 2018

Dean of Faculty of Mechanical Engineering, Technical University of Liberec, Czech Republic
Prof. /Techn. Univ. of Liberec / 2008; Assoc. Prof. /Techn. Univ. of Liberec/ 2001; PhD
/Techn. Univ. of Liberec/ 1997; Ing. /Techn. Univ. of Liberec/ 1989

Specialized in: polymers and composites processing; polymer, composite and nanocomposite materials, biopolymers; recycling, testing, design of plastic parts, simulation, molds and machines for polymers processing; additive technology; applications of polymers and composites for the different areas of industry. Author or co-author of more than 25 publications, 3 monographs, 8 patents, 30 utility models, 2 European industrial designs, 2 prototypes and 3 commercialized results with signed license agreements.

Sci. Boards: Technical University of Liberec, Fac. Mechanical Engineering (chairman); Czech Techn. Univ., Prague, Fac. Mechanical Engineering (member); West Bohemia Univ., Pilsen, Fac. Mechanical Engineering member (member); Techn. Univ., Liberec, Fac. Mechatronics, Liberec (member).

Society aff.: Czech Soc. New Materials and Technologies (member), Who is Who, World Scientific and Engineering Academy and Society (member),

Business add.: Technical University of Liberec, Faculty of Mechanical Engineering,
Department of Engineering Technology, Studentská 1402/2, 46117 Liberec 1, Czech Republic
E-mail: petr.lenfeld@tul.cz

Web page: <http://www.fs.tul.cz>

Lenka LHOTSKÁ

Elected 2014

Head, Cognitive Systems and Neurosciences Department, Czech Institute of Informatics, Robotics and Cybernetics, Czech Techn. Univ. Prague, Czech Republic
and

Assoc. Prof. /Czech Techn. Univ. Prague/1997; PhD /Czech Techn. Univ. Prague/ 1989; Ing. /Czech Techn. Univ. Prague/ 1984

Specialized in: data mining, knowledge representation, biomedical engineering and informatics, interoperability and standardization, eHealth, assistive technologies. Author or co-author of more than 200 publications (journals and conference proceedings) more than 10 book chapters.

Membership: Czech Soc. Biomedical Engng and Medical Informatics, Czech Soc. Cybernetics and Informatics, IEEE, IET; nat. representative in IFMBE, ISfTeH and EFMI; chair of WG PPD EFMI, co-chair of WG WoW ISfTeH, member of IFMBE Education & Accreditation Committee, member of IUPESM WiMPBME group

Business add.: CVUT CIIRC, Zikova 4, 166 36 Prague 6, Czech Republic

E-mail: lhotska@cvut.cz

Web page: <http://www.ciirc.cvut.cz>

Václav LIŠKA

Elected 2009

Managing Director, SKODA RESEARCH Ltd., Plzeň, Czech Republic

PhD /Univ. West Bohemia/ 1980; Ing. /Univ. West Bohemia/ 1992

Specialized in: material sci., physical metallurgy and life assessment of power station. Author or co - author of over 30 contributions in journals and conference proceedings.

Sci. Boards: Univ. West Bohemia Plzeň, Nuclear Research Institute Řež (member),

Confederation of Industry the Czech Rep. - Committee for Research and Development (member)

Business add.: Výzkumný a zkušební ústav Plzeň s.r.o., Tylova 1581, 316 00 Plzeň, Czech Republic

E-mail: liska@vzuplzen.cz

Web page: <http://www.vzuplzen.cz>

Zdeněk LIŠKA

Elected 2011

General Director, Confederation of Industry of the Czech Republic

Ing. /Univ. Economics, Prague/ 1982

Specialized in: accounting and economics.

Addit. Career: Council Econ. and Soc. Agreement Czech Republic (Tripartite-member);

Presidium, Council for Public Audit Oversight (member); Managing Board, Nat. Training

Fund (member), Supervisory Board of ZVVZ, a.s.(member).

Business add.: Confederation of Industry of the Czech Republic, Freyova 948/11,

190 05 Praha 9

E-mail: zliska@spcr.cz;

Web page: <http://www.spcr.cz>

Petr LOUDA

Elected 2006

Professor, Institute for Nanotechnology, Technical University of Liberec, Czech Republic and

Professor, Faculty of Mechanical Engineering, Lodz University of Technology, Poland

Prof /Techn. Univ. Liberec/ 2005; Assoc. Prof. /Techn. Univ. Liberec/ 1999; PhD /West Bohemian Univ. Plzeň /1993; Ing. /Techn. Univ. Liberec /1984

Member of 4 Sci. Councils of the Facs Mech.. Engng (Liberec, Plzeň, Praha, Lodz).

Specialized in: surface engineering and nanotechnology. Author of over 180 contributions in journals and proceedings. Author and co-author of 5 patents.

Soc. aff.: Sci. Soc. Material Sci., Czech Republic (member); ASM International (member).

Edit. Board J. - Precious Mechanics and Optics, Journal of Achievements in Materials and Manufacturing engineering

Business add.: Technical University of Liberec, Studentská 2, 461 17 Liberec 1

E-mail: petr.louda@tul.cz

Miroslav LUDWIG

Elected 2010

Vice-rector, University of Pardubice, Czech Republic

Prof. /Univ. Pardubice/ 2001; PhD /Univ. Chem. Technol. Pardubice/ 1985; Ing. /Univ. Chem. Technol. Pardubice/ 1980

Specialized in: organic and physical organic chemistry, R&D management. Author or co-author of 65 publications in int. journals, 460 citations (WOS).

Society aff. (membership): Division Organic and Biomolecular Chemistry and Subcomm. Structural and Mechanistic Chemistry, Int. Union Pure and Applied Chemistry; Czech Chemical Soc.; Czech Nat. Comm. Chemistry.

Sci. Boards (membership): Univ. Pardubice; Inst. Chem. Technology Prague; Tomas Bata Univ. Zlin; Univ. South Bohemia Ceske Budejovice; Univ. Hradec Kralove; Fac. of Medicine Charles Univ. Hradec Kralove, Fac. of Pharmacy Charles Univ. Hradec Kralove, Inst. Nanomaterials, Advanced Technology and Innovation Liberec.

Business add.: University of Pardubice, Studentska 95, 53210 Pardubice, Czech Republic

E-mail: miroslav.ludwig@upce.cz

Web page: <http://www.uni-pardubice.cz>

Jan MACEK

Elected 1999

Professor, Head, Dept. of Automotive Engineering and Head, Josef Božek Research Center, Vice dean for R&D, Faculty of Mechanical Engineering, Czech Technical University in Prague

Prof. /Czech Techn. Univ. Prague/ 1993; DrSc. /Czech Techn. Univ. Prague/ 1990; PhD /Czech Techn. Univ. Prague/ 1980; Ing. /Czech. Tech. Univ. Prague/ 1972

Born 1949

Specialized in: thermodynamics, fluid dynamics, internal combustion engines. Author of 150 papers in Czech and int. journals and conference proceedings, 20 patents (4 abroad), 90 sci. reports (6 abroad), 4 univ. textbooks (1 abroad).

14 years of practice in industrial research (engines, turbochargers); visiting professor, SCC Dayton, Ohio; visiting research worker, ETH Zurich, Switzerland. Dean, Fac.. Mech. Engng, Czech. Tech. Univ. Prague 1997-2000; Vice dean for R&D, Fac.. Mech. Engng, Czech. Tech. Univ. Prague 2005-; Sci. Councils: Fac. Mech. Engng. and Fac. Transport Engng, Czech Techn. Univ. Prague (member), Fac. Mech. Engng, Techn. Univ. Brno (honorary member), Fac. Mech. Engng, Techn. Univ. Košice, Slovakia (former member), Fac. Mech. Engng, Techn. Univ. Ostrava (member), Ukraine Acad. Sci. (member).

Society aff: Assoc. Mech. Engrs (former chairman); Czech Soc. Automotive Engrs (member); Int. Comb. Engine Group (former chairman); European Science Society of Powetrain and Transport KONES (member); Zvoníček's Foundation Board (member); SAE Int. USA (member); GAMM Germany (member).

Business add.: Czech Technical University in Prague, Faculty of Mechanical Engineering, Ú12120, Technická 4, 166 07 Praha 6, Czech Republic

Home: Michnova 1625/1, 149 00 Praha 4, Czech Republic

E-mail: jan.macek@fs.cvut.cz

Web page: <http://bozek.cvut.cz>

Jiří MÁČA

Elected 2018

Professor and Head, Department of Mechanics Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic

Dean, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic (since 2018)

Prof. / Czech Tech. Univ. Prague/ 2007; PhD / Czech Tech. Univ. Prague / 1987; Ing. / Czech Tech. Univ. Prague / 1981

Specialized in: dynamics of structures, earthquake engineering, man-induced vibrations, interaction of vehicles and bridges, structural analysis of historical monuments, numerical analysis of structures. Author or co-author of more than 100 papers in journals and conference proceedings.

Sci. Boards: Faculty of Civil Engineering, Czech Tech. Univ. Prague (chairman); Czech Tech. Univ. Prague (member); Faculties of Civil Engineering in Brno, Ostrava, Bratislava, Košice, Žilina (hon. member).

Society aff.: Intern. Assoc. for Shell and Spatial Structures; European Association for Structural Dynamics (member); Czech Soc. Mech. (Board-member)

Business add.: Faculty of Civil Engineering, Czech Technical University in Prague, Thákurova 7, 166 29 Praha 6, Czech Republic

E-mail: maca@fsv.cvut.cz

Web page: <http://www.fsv.cvut.cz>

Jaroslav MACHAN

Elected 2016

R&D researcher, Škoda Auto a.s.

Associate Professor, Faculty of the Transportation, Czech Technical University in Prague, Czech Republic.

Ass. Prof. /Czech Techn. Univ. Prague /2008; CSc (PhD) / Czech Techn. Univ. Prague / 1987; Ing. / Czech Techn. Univ. Prague / 1975.

Specialized in: R&D management, regulation and automation - life test application; Technical Cybernetics – Application HMI; Quality methods in product development phase - architect QFD; received international „Akao Prize“for contributions to the advancement of QFD. Author or co-author of more than 30 publications and contributions to colloquiums; realization of electrics and electronics for new car models (4x).

Membership: Government Council for Development and Innovation Research (member); Sci. Boards: Czech Techn. Univ. Prague (member); Faculty of Mechanical Engineering, Brno University of Technology (member).

Business add: Škoda Auto a.s., tř. Václava Klementa 869, 293 01, Mladá Boleslav, Czech Republic

E-mail: jaroslav.machan2@skoda-auto.cz

Jiří MÁLEK

Elected 2008

Professor, Department of Physical Chemistry, University of Pardubice

Prof. /Univ. Pardubice/ 2002; DrSc. /Inst. Chem. Technol. Prague/ 2000; PhD /Univ. Chem. Technol. Pardubice/ 1986; Ing. /Univ. Chem. Technol. Pardubice/ 1982

Born 1959

Specialized in: inorganic chemistry and physical chemistry, materials science, R&D management. Author or co-author of 110 publications in international journals, more than 2300 citations (Web of Science, Thomson Reuters), Hirsch factor: 26.

Rector Univ. Pardubice (2006-2010); R&D&I council of the Czech Government (member 2006-2010); Czech Rectors Conference (vice-president 2009-2010); Czech Science Foundation Sci. Council (member); Sci. Council Inst.Chem. Technol. Prague; Sci. Council Univ. Pardubice; Associate Editor of J. Therm. Anal. Calorim.

Society aff.: Int. Confed. Thermal Analysis and Calorimetry (national councilor)

Business add.: Department of Physical Chemistry, University of Pardubice, Studentská 573, 532 10 Pardubice, Czech Republic

E-mail: jiri.malek@upce.cz

Web page: <http://www.upce.cz>

Jiří MAREK

Elected 2011

Professor, Faculty of Mechanical Engineering, Brno University of Technology, Czech Republic

Prof. /Techn. Univ. Ostrava/ 2008; Assoc. Prof. / Univ. Technology Brno / 2004; Dr. / Univ. Technology Brno / 1996; Ing. / Univ. Technology Brno / 1987

Specialized in: engineering design science (EDS), design of machine tools, risk management, industrial engineering. Author and co-author 190 papers, 5 monographs, 20 textbooks, 9 patents, 36 significant engineering works

Society aff: Czech Soc. Machine Tools (member)

Business add: Brno University of Technology, FME, Institute of Production Machines, Systems and Robotics, Technická 2896/2, 616 69 Brno, Czech Republic

E-mail: marek@fme.vutbr.cz

Web page: <http://www.uvssr.fme.vutbr.cz/>

Pavel MAREK

Elected 2002

Senior Scientist, Institute of Theoretical and Applied Mechanics, v.v.i., Academy of Sciences of Czech Republic

and

at present Professor at West Czech University in Plzeň since 2009.

Prof. /Techn. Univ. Ostrava/ 1997; DrSc. /Czech Techn. Univ. Prague/ 1991; PhD. /Czech Techn. Univ. Prague/ 1967; Ing. /Czech Techn. Univ. Prague/ 1955

Specialized in: reliability of civil engng structures, fatigue, stability and plasticity of steel structures, mining subs. Author or Co-author of about 500 papers and 11 monographs, editor of 3 int. monographs, author of 10 patents.

Lectures and research in Czech Republic (30 years). Visiting Professor : USA (12 years) and Canada. Supervising 12 PhD students. Expert-Consulting Eng. in Ranchi, India (3 years).

Principal Investigator of numerous research projects (Grant Agency of Czech Rep. and of int. Tereco project sponsored by Leonardo da Vinci Agency (Brussels), Invited speaker in numerous countries (Asia, North America and Europe). .

Society aff.: Amer. Soc. Civil Engrs (member and Life member); Struct. Engng Inst. USA (Charter member); Czech Soc. Civil Engrs (Charter member); Czech Soc. Mechanics (member); Struct. Stability Res. Council USA (member-at-Large); ČKAIT (P.E.) Czech Republic; Comm. „Limit States,,, Int. project „Tall Buildings,, USA.

Edit. Boards: J. Construction Metallique France (former member of Ed. Com.), J.

KONSTRUKCE Czech Rep.

Business add.: Institute of Theoretical and Applied Mechanics, v.v.i., Academy of Sciences of Czech Republic, Prosecka 76, 190 00 Prague 9., Czech Republic.

E-mail: marekp@itam.cas.cz and pmarek2@noise.cz

Web page: <http://www.sbra-anthill.com>

Vladimír MAŘÍK

Elected 1998

Professor, Director, Czech Institute of Informatics, Robotics, and Cybernetics (CIIRC), Czech Technical University in Prague

Dr.h.c. /Brno University of Technology/ 2013, Prof. /Czech Techn. Univ. Prague/ 1990; DrSc. /Czech Techn. Univ. Prague/ 1989; PhD /Czech Techn. Univ. Prague/ 1979; Ing. /Czech Techn. Univ. Prague/ 1975

Specialized in: artificial intelligence, knowledge engng, computer integrated manufacturing and diagnostics. Author or co-author of 8 monographs and 160 papers in journals and proceedings. Co-editor of 14 books. Rockwell Automation Res. Ctr. Prague (managing director 1993-2009), Department of Cybernetics, CTU (head 1999-2013), IEEE Trans. SMC, part C (editor-in-chief 2005-2013), Technology Agency of the Czech Republic (chairman, scientific board, 2010-)

Awarded: Czechoslovak State Prize (1989), Austrian “Honorary Cross for Science and Art” (2003), Czech Mind – Innovation Award (2010)

Society aff.: IEEE SMC (member, Board of Governors, Vice-president), Austrian Soc. for Cyber. Studies (honorary member)

Business add.: Czech Technical University in Prague, CIIRC, Zikova 4, 160 00 Praha 6, Czech Republic

Jindřich MELCHER

Elected 2001

Professor, Institute of Metal and Timber Structures, Brno University of Technology
DrSc. /Czech Techn. Univ. Prague/ 1991; Prof. /Techn. Univ. Brno/ 1989; Assoc. Prof.
/Techn. Univ. Brno/ 1977; PhD /Tech. Univ. Brno/ 1970; Ing. /Tech. Univ. Brno/ 1962
Specialized in: strength, stability and limit states of steel, composite fiber-glass, timber and
glass structural design and experimental verification. Author and co-author of over 400
journal and conference papers, 5 monographs, 15 univ. text-books.

Membership: Exam. Board for PhD Degree, Fac. Civil Engng, Brno Univ. of Technology ;
Exam. Boards for State Diploma Exams, Czech Techn. Univ. Prague and Slovak Techn. Univ.
Bratislava; Exam. Board for Statics and Dynamics of Struct., Brno Branch., Czech Chamber
of Chartered Engrs and Technicians in Construction Sector (chairman); Sci. Council, Fac.
Civil Engng, Techn. Univ. Brno.

Awarded: ECCS (Europ. Convention Constr. Steelwork) - Steel Design Award 2001; Nat.
Prizes (Czech and Slovak Soc. Steel Structures) - Awards for realized structures in 1994 and
2001.

Society aff.: SSRC-Struct. Stability Res. Council USA (corresp. member); CEN and ISO
Comm. Design Steel Structures (nat. representative); ESDEP; IABSE-Int. Assoc. Bridge and
Struct. Engng (Perm. Comm. delegate); Czech Assoc. Civil Engrs (member); Czech Chamber
Chartered Engrs (registered).

Business add.: Brno University of Technology, Faculty of Civil Engineering,
Veveří 95, 602 00 Brno, Czech Republic

E-mail: melcher.j@fce.vutbr.cz

Web page: <http://www.fce.vutbr.cz>

Karel MELZOCH

Elected 2016

Rector, University of Chemistry and Technology, Prague, Czech Republic

Professor of Biotechnology /UCT Prague/ 2007; Associate Professor /UCT Prague/ 1997;
Ph.D. /UCT Prague/ 1989; Ing. /UCT Prague/1982

Specialized in: Biotechnology, Fermentation Chemistry and Technology, Bioengineering, down-stream processing, knowledge-based control and modelling of bioprocesses, biorefinery, waste management, exploitation of wastes from agriculture and food processing. Author of 71 WOS publications (citations 948, h-index 17), 5 patents.

Supervisor of Bachelor, Diploma and PhD. Theses, lectures from Down-stream processing in Biotechnology and Biotechnologies.

Sci. Councils: UCT Prague, Univ. Pardubice and Mendel Univ. Brno;

Membership: Working group for Down-Stream Processing Eur. Federation of Biotechnol.; Steering Committee Czech Food Technol. Platform; Head of Ferm. Chem. and Biotechnol. Czech Chem. Society; Czech Rectors Conference (vice-president).

Business add.: University of Chemistry and Technology, Prague (UCT Prague), Technická 5, Prague 6, CZ-166 28, Czech Republic

Web page: <http://www.vscht.cz>

Jaroslav MÍL

Elected 2006

Former President of the Confederation of Industry of the Czech Republic and Vice-President of the BUSINESSEUROPE

MBA /Sheffield Hallam University, Sheffield Business School/ 1998; Ing. /Czech Techn. Univ. Prague/ 1984

Certificates: /Belgian Institute for Training and Transfer of Technology/ and /Institute of Management, Czechoslovak Federal Government Office/

Specialized in: power sector, corporate governance.

Additional Career: Member of the Government Council for the Energy and Mineral Sources.

Vice-President of the Board of Trustees, Czech Technical University Prague; Member: Int.

Advisory Committee, Soc. Strategic Management; Czech Management Association.

Former Member of the Supervisory Board of Prague Stock Exchange. Former Chairman of the Board of Directors and CEO of ČEZ, a. s. and former Vice-President of the Council of Economic and Social Agreement of the Czech Republic (Tripartite) etc.

Business address: Confederation of Industry of the Czech Republic, Freyova 948/11, 190 00

Praha 9, Czech Republic

E-mail: jmil@spcr.cz;

Web page: <http://www.spcr.cz>

Bedřich MOLDAN

Elected 1997

Professor, Director, Charles University Environmental Center, Prague

Prof. /Charles Univ. Prague/ 1997; PhD /Charles Univ. Prague/ 1964; RNDr. /Charles Univ. Prague/ 1958

Specialized in: environment and sustainable development. Author and editor of several hundreds of sci. and popular articles, books and monographs on chemistry, geochemistry, environmental sci. and environmental policy.

Ministry of Foreign Affairs of the Czech Republic (consultant); Parliament of the Czech Republic (consultant); Regional Environmental Center Budapest, General Assembly (member); Sci. Comm., Europ. Environment Agency Copenhagen (member); Millennium Ecosystem Assessment (sci. team-member).

Business add.: Charles University Environmental Center, U Kříže 8, 158 00 Praha 5, Czech Republic

E-mail: bedrich.moldan@czp.cuni.cz

Web page: <http://www.czp.cuni.cz>

Petr MOOS

Elected 1999

Professor, Vice Dean, Faculty of Transportation Sciences, Czech Technical University in Prague

Former: Minister of Transport and Communications (1998); Dean, Faculty of Transportation Sciences, Czech Technical University in Prague

Professor /Czech Techn. Univ. Prague/ 1999; PhD /Czech Tech. Univ. Prague/ 1974; Ing. /Czech Techn. Univ. Prague/ 1969

Specialized in: electrical circuits and system theory, informatics and transport telematics, telecommunication networks. Author of 2 books, about 90 articles and contributions at conferences, 12 university textbooks. As minister of transport author of Transport policy of the Czech Republic. IEE (fellow member); consultant to Government in telecommunications. Society aff.: Assoc. Transport Engrs (president).

Business add.: Czech Technical University, Faculty of Transportation Sciences, Konviktská 20, 110 00 Prague 1

Jiří NÁPRSTEK

Elected 2003

Scientist, Head of Department, Institute of Theoretical and Applied Mechanics, Academy of Sciences of the Czech Republic

DrSc. /Czech Acad. Sci/ 1996; PhD /Czech Acad. Sci/ 1972; Ing. /Czech Techn. Univ. Prague/ 1966

Specialized in: stochastic mechanics, static and dynamic stability of systems, interaction of fluid and structure, multimodal problems, non-self adjoint problems, computational mechanics, wind induced vibrations, earthquake engineering, effects of moving loads. Author of 320 papers, co-author of 4 monographs, 92 reports, editor of 8 proceedings.

Awarded: Nat. Prize Czech. Rep. 1983; Prize Czech. Acad. Sci. 1985 and 1986, Křížík medal ASCR 2007, IACR award for best paper in E.M. journal 2008 and 2011.

Edit. Boards: J. Prob. Engng Mech.; J. Engng Mechanics; J. Europ. Earthq. Engng. Chairman of 8 Int. Conferences. Exam. Board for DSc. Degree (vice-chairman). Inst. Theor. Appl. Mech. (Vice-director 1989-1990). Sci. Council, Inst. Theor. Appl. Mech. (chairman 2001-2004), Sci. Council, Inst. Thermomechanics.

Society aff: Int. Union Theor. and Appl. Mech., Euromech.; Czech Soc. Mechanics (vicepresident); Europ. Assoc. Struct. Dynamics EASD; Int. Assoc. Wind Engng (Europ. coordinator); Europ. Assoc. Earthq. Engng (Czech Representant), Czech Chamber of Certif. Engrs, IFTOMM.

Business add.: Institute of Theoretical and Applied Mechanics, Academy of Sciences of the Czech Republic, Prosecká 76, 190 00 Praha 9, Czech Republic

E-mail: naprstek@itam.cas.cz

Václav NEUMAJER

Elected 2002

Managing Director, Association of Research Organizations, Czech Republic

Ing. /Czech Techn. Univ. Prague/

Specialized in: electrical technology – mainly radio-technology and information technology (IT). Arrangement and management of projects of applied research and development. Author of expert publications (mostly articles in press and lectures at conferences) in the field of logical signals analysis and digital processing of TV signal and series of publications on issues of economy and assessment (accounting) R&D work, on issues of designing (planning) R&D, on legislation R&D.

Entrepreneur activities of small and middle companies, accounting and economy issues of innovative entrepreneurship. TESLA Res. Inst. Radiocommunications (director 1990 - 1995; res. worker 1971-1990).

Business add.: Association of Research Organizations, Novodvorská 994, 142 21 Praha 4, Czech Republic

E-mail: vaclav@neumajer.cz; avo@avo.cz

Web page: <http://www.avo.cz>

Drahomír NOVÁK

Elected 2009

Head of Institute of Structural Mechanics, Vice-dean for Science and Research, Faculty of Civil Engineering, Brno University of Technology

DrSc. /Czech Techn. Univ. Prague/ 2000; Prof. /Brno Univ. Technology/ 2003; Assoc. Prof. /Brno Univ. Technology/ 1994; PhD /Brno Univ. Technology/ 1990; Ing. /Techn. Univ. Brno / 1984;

Specialized in: structural safety and reliability, stochastic computational mechanics, stochastic finite elements, random fields, Monte Carlo simulation techniques, risk assessment, fracture mechanics, size effect, stochastic optimization, inverse analysis and identification, quasi-brittle materials. Author and co-author of over 200 contributions in journals and proceedings and 2 univ. text-books.

Sci. Board: Brno University of Technology (member)

Society aff.: Czech Soc. Mechanics (member); Int. Associations: FraMCoS, IABMAS, IASSAR (member); Czech Technical Standardization Committee – TNK 38 (member); fib – Int. Federation of Structural Concrete, Commission 2 – Safety and Performance Concepts (corr. member), CIB W080 WG1 Commission – Prediction of Service Life of Building Materials and Components (member)

Business add.: Institute of Structural Mechanics, Faculty of Civil Engineering, Brno University of Technology, Veveří 95, 602 00 Brno, Czech Republic

E-mail: novak.d@fce.vutbr.cz

Petr OČKO

Elected 2017

Deputy Minister for Digitalization and Innovation, Ministry of Industry and Trade of the Czech Republic

Previously: Chairman at the Technology Agency of the Czech Republic, Chief Director at the Ministry of Industry and Trade, CEO of CzechInvest Agency, Senior Advisor at Ministry of Finance.

PhD. /Charles University in Prague/ 2010; Ing. /University of Economics in Prague/ 2002

Specialized in: digital economy, digital transformation, information science, innovation policies, innovation management, EU science and innovation policy etc.

Academic engagement: Masaryk University in Brno, lectures in the field of information science

Business add.: MPO, Na Františku 32, 110 15 Praha 1, Czech Republic

Web page: <http://www.mpo.cz>

Eduard PALÍŠEK

Elected 2011

CEO, Siemens Czech Republic

PhD /Univ. Technol. Brno/ 2008; MBA /Nottingham Trent Univ./ 2001; Ing. /Univ. Technol. Brno/ 1985

Specialized in: economy, strategy management, business development, management of production and corporate companies.

Papers on Strategy Management Process, Strategy Planning, Business Development at Int. Sci Conf. on Management, Economics, Business Development.

Previous positions: 1st Brno Machine Works, a.s. (financial manager, 1991-1993), ABB Power Systems, s.r.o., Brno (controlling director, 1993-1996), ABB Power Systems, s.r.o., Brno (divisional director, 1996-2000), ALSTOM Power, s.r.o., Brno (divisional managing director, 2000-2003), Siemens Industrial Turbomachinery, s.r.o., Brno (CEO, 2003-2009), Siemens, s.r.o., Prague (CEO, 2010 – present)

Membership: Board of Directors of ČVUT in Prague, Masaryk University, Technical University in Brno, Confederation of Industry of the Czech republic – research, development and innovation area, Research and Development Council of the Government of the Czech Republic.

Sci Board: Scientific Councils of Technical University in Brno, The University of West Bohemia, Technical University Ostrava, University of Tomas Bata in Zlín (member), Technical University in Liberec, Academy Assembly of the Czech Academy of Science.(member).

Business add.: Siemens, s.r.o, Siemensova 1, 155 00 Praha 13

E-mail: eduard.palisek@siemens.com

Web page: <http://www.siemens.cz>

Miloslav PAVLÍK

Elected 2002

Head, Department of Building Structures, Faculty of the Architecture, Czech Technical University in Prague

Prof./ Tech.Univ.Brno/ 2009; Vice-rector/ Czech Techn. Univ. Prague/ 2006-2010; Vice-rector/ Tech.Univ. Liberec/ 2000-2002; Assoc. Prof. /Czech Techn. Univ. Prague/ 1999; PhD /Czech Techn. Univ. Prague/ 1984; Ing. /Czech Techn. Univ. Prague/1967

Specialized in: completion structures, residential buildings, rehabilitation of prefab. buildings.

Author of about 40 papers, 1 book, 9 patents.

Awarded: Gold Medal for the Rec. and Add. Nat. Theatre Prague, Medal for Merit to the Capital Prague.

Society off: Czech Inst. Struct. Civil Engrs (president); Board of Construction, SIA (president); AIP-Assoc. Innovative Entrepreneurship of the Czech Republic (vice-president); Czech Chamber of Certified Engrs (building engng, environmental techniques) (member).

Business add: Faculty of the Architecture, Czech Technical University in Prague, Thakurova 7, 166 34 Prague, Czech Republic

E-mail: pavlik@cvut.cz; pavlik@fa.cvut.cz

František PAZDERA

Elected 2002

Deputy Minister for Industry and Energy at Ministry of Industry and Trade of the Czech Republic

PhD /Czech Techn. Univ. Prague/ 1984; Ing. /West Bohemia Univ. Plzeň/ 1972

Specialized in: energy policy, energy research, nuclear engineering (mainly NPP design and safety, nuclear fuel cycle, radioactive waste management and economy); regulatory process for NPP and research reactors; fuel cycle for NPPs and research reactors; nuclear technology (mainly research reactors and isotopes application including medicine); legislation for nuclear power plants and nuclear technology; management and strategic planning; development of strategy in energy related policies. Author and co-author of more than 90 papers and articles, 80 reports, and 40 review reports and other publications.

Functions and membership: Deputy Director, Power Generation for R&D in ČEZa.s. (2008 – 2011); Chairman, Board and Director General, Nuclear Res. Institute Řež plc, Czech Republic (1993 – 2008); 2nd Vice-chairman of Government Council for Energy and Resource Strategy; Chairman of EU Sustainable Nuclear Energy Technology Platform Governing Board; SAGNE an advisory group of DG IAEA.

Business add.: Ministry of Industry and Trade, Na Františku 32, 110 15 Praha, Czech Republic

E-mail: frapazdera@gmail.com a paz@ujv.cz.

Zdeněk PEROUTKA

Elected 2011

Vice-Dean for Science and Strategy and Deputy Dean of the Faculty of Electrical Engineering, University of West Bohemia Pilsen, Czech Republic
and

Scientific Director, Regional Innovation Centre for Electrical Engineering, University of West Bohemia Pilsen, Czech Republic

Prof. /Univ. West Bohemia Pilsen/ 2012; PhD /Univ. West Bohemia Pilsen/ 2004; Ing. /Univ. West Bohemia Pilsen/ 2000

Specialized in: power electronics; electric drives; control theory; modern transport systems and vehicles, and power electronics converters for medium-voltage applications. Author or co-author of more than 100 papers in int. journals and conferences, 2 patents, and 2 utility models.

Awards: several nat. and int. awards, e.g. the best paper awards in conferences EPE-PEMC 2006, EDPE 2007 and EPE-PEMC 2010.

Society aff.: Inst. Electrical and Electronics Engineers (IEEE); Assoc. Europ. Power Electronics and Drives (EPE).

Business add.: University of West Bohemia, Faculty of Electrical Engineering, Univerzitní 26, 306 14 Pilsen, Czech Republic.

E-mail: peroutka@ieee.org

Web page: <http://www.fel.zcu.cz>, <http://rice.zcu.cz>

Vojtěch PETRÁČEK

Elected 2018

Rector, Czech Technical University in Prague, Czech Republic.

Assoc. Prof. /Czech Techn. Univ. Prague/ 2007; CSc./Charles Univ. Prague/ 1987; RNDr. /Charles Univ. Prague/ 1987

Specialized in: Experimental Physics, Relativistic Physics of Heavy Ions and Subatomic Physics, Experimental Nuclear Physics. Main field of scientific interest: physics of ultra-relativistic nuclear collisions and particle physics. Author of more than 270 papers in impacted journals (SCI 11019). Leader of a research team ALICE, CBM and AEGIS projects. Sci. Councils: Chairman of Scientific Council / Czech Technical University in Prague
Membership: Scientific Advisory Board of Czech Science Foundation (2015-2018); Prague Innovation Board (2014 - 2015); Board member of PRVEK by Prague Mayor (2011-13); Chairman of the Space Activities Council by Ministry of Education; Chairman of the Science committee of the Space activities coordination group by Ministry of Transport; Board Member of Committee for CERN and Ministry of Education cooperation; Member of the Academic Assembly of Czech Academy of Science (2015 -); Member of Committee for Science development by Charles University (2016 -)

Awarded the prize of the Academy of Sciences of the Czech Republic for Young and Scientific Workers in 1998, 2 Prizes of the Rector of the Czech Technical University in Prague for his work on detectors.

E-mail: rektor@cvut.cz

Web page: <http://www.cvut.cz>

Ivan PILNÝ

Elected 2010

Consultant, investor

Ing. /Czech Techn. Univ. Prague/ 1972

Specialized in: management, information technology. Author of 8 books.

Previous positions: Microsoft in CR and SR (General Manager 1992-1998); Board of Directors, Czech Telecom (chairman 2000-2001); SPIS (chairman 1997-1999); Etel in CR (General Manager 2002); Tuesday Business Network (president since 2002); Chairman of the Committee for economic affairs PSP (2013-2017, Minister of Finance (2017), Liaison officer for digital education MŠMT (2018)

Email: ipilny@iol.cz

Miroš PIRNER

Founding member

Senior scientist, Institute of Theoretical and Applied Mechanics, v.v.i. Academy Sciences of the Czech Republic

Dr.h.c. /Techn. Univ. Žilina, Slovakia/ 2002; Prof. /Czech Techn. Univ. Prague/ 1991; DrSc. /Czech Techn. Univ. Prague/ 1982; PhD /Techn. Univ. Žilina, Slovakia/ 1960; Ing. /Czech Techn. Univ. Prague/ 1952

Specialized in: dynamics and aerodynamics of civil engineering structures. Author of 350 papers, 14 monographs. Member of several Edit. Boards of the Czech and int. journals.

Sci. Councils: of Transport.

Society aff.: Nat. Comm., Int. Union Theor. and Appl. Mech. (member); Nat. Comm., Int.

Assoc. Spatial Structures (member); Group Wind Engng, Execut. Comm., permanent Comm. for National Build, Czech Nat. Comm. Theor. Appl. Mechanics (member).

Business add.: Institute of Theoretical and Applied Mechanics, v.v.i. Academy Sciences of the Czech Republic, Prosecká 76, 190 00 Praha 9, Czech Republic

E-mail: pirner@itam.cas.cz

Antonín PÍŠTĚK

Elected 2008

Professor, Institute of Aerospace Engineering (IAE), Faculty of Mechanical Engineering, Brno University of Technology (BUT), Czech Republic
and

Deputy Director of the Institute of Aerospace Engineering, Czech Republic

Prof. /Brno Univ. Technol./ 1999; Assoc. Prof. /Brno Univ. Technol./ 1991; PhD /Military Acad. Brno/ 1981; Ing. /Military Acad. Brno/ 1965

Specialized in: aircraft design, stress analyses of aircraft structures, mechanics, finite element methods, experimental stress analysis of aircraft structures, testing of aircraft. Author or co-author of more than 50 publications and contributions to colloquiums, 2 univ. textbooks, many res. reports and papers.

Chief designer of L 610, KP2 U - SOVA, VUT 100 -COBRA, VUT 001- MARABU, VUT 051 RAY, JA 600 aircrafts.

Membership in professional bodies and co-operation with industry: ICAS-Int. Council Aeronautical Sci. (Nat. Representative , member of Council and program Comm.).

Boards member: Fac. Technol. Tomas Bata Univ. Zlin; Univ. Defence Brno. Member of several Edit. Boards of the Czech and int. journals.

Awarded: Diploma UVP E TURBOLET, Praha; Diploma for credit of Czech aircraft industry; Gold medal BUT Brno 2002; The prestige award „Czech Head“ for development and realization of VUT 100 aircraft (together with EVEKTOR company); Award EACR 2008; Gold medal BVV Brno 2009; Diploma of Parliament CR 2009, Gold medal BVV Brno 2010, VUT 001 MARABU.

Business add.: Institute of Aerospace Engineering, Faculty of Mechanical Engineering, Brno University of Technology, 616 69 Brno, Czech Republic

E-mail: pistek@fme.vutbr.cz

Web: lu.fme.vutbr.cz

JIŘÍ PLEŠEK

Elected 2012

Director, Institute of Thermomechanics AS CR, v. v. i., Prague, Czech Republic

PhD /Czechoslovak Acad. Sci/ 1992; Ing. /Czech Techn. Univ. Prague/ 1984

Specialized in: Continuum and computational mechanics. Finite element approach to nonlinear problems (hyperelasticity, plasticity, creep, large deformations, stability and limit state analyses of structures), thermodynamics, heat transfer, structural dynamics, wave propagation, shock physics, quantum mechanics (non-periodic electronic structures), applications in nuclear industry. Author of over 200 papers.

Membership: Euromech; Czech Soc. Mechanics; AS CR Council, ESF reviewer.

Address: Institute of Thermomechanics AS CR, Dolejškova 5, Praha 8, 182 00, Czech Republic

E-mail: plesek@it.cas.cz

Web page: <http://www.it.cas.cz/cs/plesek?q=en/user/1797>

František POCHYLÝ

Elected 2002

Professor, Faculty of Mechanical Engineering, Technical University in Brno

Prof. /Techn. Univ. Ostrava/ 1997; Assoc. Prof. /Techn. Univ. Brno/ 1989, 1993; PhD

/Military Acad. Brno/ 1976; MSc. /Slovak Techn. Univ. Bratislava/ 1966

Specialized in: aero- and hydroelasticity. Expert activity: mutual interaction of body and fluid, design of fluid machines and equipment. Author of 160 sci. reports, 36 journal papers, 204 conference papers including int. conferences, 17 patents, 21 utility models, 2 textbooks.

Awarded: Literary Fund Award 1982, Prize of rector - Brno Univ. Technology 1999, Medal to 100th anniversary of foundation of the Fac. Mech. Engineering, Brno Univ. Technology 2000, Memory medal of the Fac. Mech. Engineering - TU Ostrava 2002, Ministry of Education Award 2003, Top 10 Excellence BUT 2007 award 2008, Engineering Academy Award for swirl turbine design 2008, Brno City Award – for the techn. progress 2008, Gold medal of the Brno Univ. Technology 2010, Czech Head 2011 – Nat. prize, Ministry of Environment 2011, Georg Agricola Award for longlife teaching and scientific activities and contribution to development of the Fac. Mech. Engineering - TU Ostrava 2015, Commemorative letter on the occasion of 65th anniversary of the Fac. Mech. Engineering - TU Ostrava 2015, Award of Engineering Academy of the Czech Republic for the excellent technical project, "Small hydroelectric power station with a siphon swirl turbine" 2017, Gold Medal MSV 2018 for "Hybrid Pumping System" 2018.

Society aff.: Czech Soc. Mechanics; Union Czech Maths and Physicists,

Sci. Boards: TU Ostrava (member), Faculty of Mech. Engineering, BUT (member), Geology Faculty of TU Ostrava (member), Council for commercialization BUT (member), Consortium "New Technologies" BIC Brno (member).

Business add.: Faculty of Mechanical Engineering, Institute of Power Engineering, Kaplan Department of Fluids Engineering, Brno University of Technology, Technická 2896/2, 616 69 Brno, Czech Republic

E-mail: pochyly@fme.vutbr.cz

Web page: <http://www.fme.vutbr.cz>

Jiří POLÁČEK

Elected 2017

Currently retired

CEO Inter-Informatics Group between 1991 and 2018, in Prague, Czech Republic, founder of Inter-Informatics 1991,

Ass. Professor Czech Technical University Prague, Faculty of Mechanical Engineering 1990-91;

Guest Researcher at Fraunhofer Institute Darmstadt, Germany 1998-90;

Researcher in VÚOSO, development of CAD system for design of metal cutting machines 1976-1988;

Research Institute for Chemical Equipment Prague, 1975-76;

PhD / Czech Technical University Prague, Faculty of Mechanical Engineering, Computer modeling of metal cutting machines parts; Ing / Czech Technical University Prague, Faculty of Mechanical Engineering;

Specialized in: management of engineering business in the branch of aerospace, rail vehicles and energy equipment, R&D management, business development,

Membership: The scientific council of the faculty mechanical engineering, Czech Technical University Prague,

E-mail: jiri@polacek-cz.cz

Pavel POLACH

Elected 2014

R&D Projects Manager, VZÚ Plzeň, Czech Republic
and

Senior Researcher, NTIS, Faculty of Applied Sciences, University of West Bohemia, Czech Republic
and

Lecturer Assistant, Institute of Machinery and Energetics, Faculty of Mechanical Engineering,
Jan Evangelista Purkyně University in Ústí nad Labem, Czech Republic

PhD. /Univ. West Bohemia/ 1998; Ing. /Czech Techn. Univ. Prague/ 1986

Specialized in: multibody dynamics, dynamics of periodic structures, mechanics of solid structures, R&D management. Author or co-author of more than 400 sci. works (publications, conference proceedings and res. reports).

Membership: Central Europ. Assoc. Computational Mechanics (CEACM) (Czech representative, Exec. Comm-member); ECCOMAS; IACM.

Society aff.: IFToMM (Nat. Comm-member) and Multibody Dynamics (Tech. Comm.-member); Czech Soc. Mechanics (Board-member);.

Business add.: VZÚ Plzeň, Tylova 46, 301 00 Plzeň, Czech Republic

E-mail: polach@vzuplzen.cz

Web page: <http://www.vzuplzen.cz>

Karel POSPÍŠIL

Elected 2012

Director, Chief Executive, Chair of Inst. Board, CDV – Transport Research Centre, Brno, Czech Republic

LL.M. / Staffordshire Univ./2014; Prof. /Univ. Pardubice/ 2010; PhD /Univ. Pardubice/ 2005; MBA /Nottingham Trent Univ./ 2007; Ing. /Brno Univ.Technol.S/ 1992

Specialized in: nondestructive testing of structures, geotechnics, design of highways, pavement and bridge management systems, R&D management, strategic management, change management.

Author or co-author of more than 100 publications, published methodologies and standards, 6 Czech patents, 5 European patents.

Previous positions: TVP-ZS /1992-1994/ road designer in Germany; IngSoft Consult /1994-2000/ CEO & head road designer & CAD specialist.

Society aff.: Conduct Res. Comm., Transport Res. Board of US Nat. Academies (full member); ASTM Int. – Amer. Soc. Testing and Materials (voting member); Sci. Council, Czech Minister of Transport (member); Board of Directors, FEHRL-Forum of Europ. National Highway Research Laboratories (member); Joint Transport Res. Comm., OECD (member); UK Institute of Highway Engineers (fellow), Czech Chamber of Chartered Engineers and Technicians (chartered engineer).

Business add.: CDV – Transport Research Centre, Líšeňská 33a, 636 00 Brno, Czech Republic

E-mail: karel.pospisil@post.cz

Web page: <http://www.cdv.cz>

Vojtech PRAŽMA

Elected 2003

Director Financial, Development and Strategy, Modelarna LIAZ s.r.o., Liberec, Czech Republic

Assoc. Prof. /Czech Techn. Univ. Prague/; PhD /Czech Techn. Univ. Prague/; Ing. /Czech Techn. Univ. Prague/

Specialized in: control of technological industrial processes, especially in automotive and aviation industry. Research and design of production tools for special technology.

Sci. Boards: Board of Managers, Automotive Industry Assoc.; Techn. Univ. Liberec (past member); Fac. Mech. Engng, Czech Techn. Univ. Prague (past member); Vice Dean research on the Czech Techn. Univ. Prague (past member).

Business add.: Modelarna LIAZ .s.r.o., Kamenická 743, 460 06 Liberec, Czech Republic, LIAZ a.s. Chairman of the Board, Kamenická 743, 460 06 Liberec, Czech Republic

Josef PRŮŠA

Elected 2004

Rector emeritus, University of West Bohemia in Plzeň. Czech Republic

Assoc. Prof. /Inst. Techn. Plzeň/ 1990; PhD /Inst. Techn. Plzeň/ 1990; Ing. /Inst. Techn. Plzeň/ 1962

Specialized in: system theory, automatic control. Author and co-author of more than 120 papers, 5 books and textbooks.

Former: Vice Minister for Sci. and Higher Education, Ministry Educ., Youth and Sport Czech Rep. (1998-2002).

Society aff.: Czech Assoc. Informatics and Cybernetics (member); Czech Assoc. Maths and Physicists (member).

Business add.: University of West Bohemia in Plzeň, Univerzitní 22, 306 14 Plzeň, Czech Republic

Josef PSUTKA

Elected 2001

Professor, head of Department of Cybernetics, Faculty of Applied Sciences, University of West Bohemia in Plzeň

Prof. /Univ. West Bohemia Plzeň/ 1997; PhD /Czech Techn. Univ. Prague/ 1980; Ing. /Czech Techn. Univ. Prague/ 1974

Specialized in: speech processing, synthesis and recognition, artificial intelligence, pattern recognition. Author or co-author of 3 monographs and about 120 papers in journals and proceedings.

Sci. Councils (member): Czech Technical Univ. Prague, Fac. Appl. Sci. Plzeň.

Exam. Boards for PhD Degree (member): Czech Techn. Univ. Prague, Charles Univ. Prague - Fac. Math. Phys., Univ. West Bohemia Plzeň.

Business add.: University of West Bohemia, Faculty of Applied Sciences, Universitní 8, 306 14 Plzeň, Czech Republic

E-mail: psutka@kky.zcu.cz

Web page: <http://www.artin.zcu.cz>

Vlasta RADOVÁ

Elected 2017

Dean, Faculty of Applied Sciences, University of West Bohemia, Plzeň, Czech Republic
Assoc. Prof. /Univ. of West Bohemia/ 2005; Ph.D. / Univ. of West Bohemia / 1996; Ing. /
Univ. of West Bohemia / 1992

Specialized in: artificial intelligence, speech technology, speech signal processing and
recognition. Author or co-author of more than 50 publications and contributions to
conferences, 1 monograph, 2 patents, more than 10 results of applied research.

Society aff.: IEEE (senior member); IEEE Signal Processing Society (senior member);
IEEE Systems, Man, and Cybernetics Society (senior member); Czech Pattern
Recognition Society, Czech Society for Cybernetics and Informatics (member).

Business add.: Západočeská univerzita, Fakulta aplikovaných věd, katedra kybernetiky,
Univerzitní 8, 301 00 Plzeň, Czech Republic.

E-mail: radova@kky.zcu.cz

Web page: <http://www.kky.zcu.cz/cs/people/radova-vlasta>

Eduard ROHAN

Elected 2013

Professor, Department of Mechanics, Department of Mathematics, Faculty of Applied Sciences, University of West Bohemia in Pilsen, Czech Republic.

Prof. /Univ. West. Bohemie/ 2012; DrSc /Czech Acad. Sci/ 2012; PhD /Univ. West Bohemie/ 1998; Ing. /Univ. West Bohemie/ 1994.

Specialized in: mechanics of continua, modeling of heterogeneous materials, homogenization, biomechanics, structural optimization and sensitivity analysis. Author or co-author of more than 170 publications and contributions to colloquiums, among which 25 papers in impacted journals, about 50 citations on WoS, H-index 6.

Society aff.: GAMM (member), Czech Soc. Mech. (member)

Business add.: Faculty of Applied Sciences, Univ. West Bohemia, Univerzitní 22, 30614 Plzeň, Czech Republic.

E-mail: rohan@kme.zcu.cz

Josef ROSENBERG

Elected 2001

Director, New Technologies - Research Center of West Bohemian Region, University of West Bohemia in Plzeň

Prof. /Univ. West Bohemia Plzeň/ 1988; Assoc. Prof. /Techn. Univ. Plzeň/ 1972; DrSc. /Techn. Univ. Plzeň/ 1987; PhD /Techn. Univ. Plzeň/ 1970; Ing. /Techn. Univ. Plzeň/ 1962

Specialized in: kinematics and kinematical geometry of gears, computational mechanics, biomechanics. Author and co-author of 76 papers, 44 projects, 8 text-books and 1 book.

Long-term stays at RWTH Aachen (Germany), Brunel University of West London (UK), lectures at Universte Paris 12. Exam. Board for PhD Degree (chairman); Sci. Councils: Univ. West Bohemia Plzeň (member), Charles Univ. Prague (member), Fac. Med. Plzeň (member), Fac. Appl. Sci. Plzeň (member), Nuclear Res. Inst. Rež (member).

Society aff.: Czech Soc. Mechanics (region chairman in Plzeň); GAMM (member).

Business add.: New Technologies-Research Centre of West-Bohemian Region, University of West Bohemia in Plzeň, 306 14 Plzeň, Univerzitetni 8, Czech Republic

E-mail: rosen@kme.zcu.cz

Ladislav RUS

Founding member

Prof. /Czech Techn. Univ. Prague/ 1992; DrSc. /Czech Techn. Univ. Prague/ 1989; PhD /Techn. Univ. Prague/ 1975; Ing./Techn. Univ. Žilina/ 1966

Specialized in: transportation technology (especially vehicles dynamics, stress analysis and calculations of reliability of the vehicles structure, final elements method - FEM). Author of about 100 articles in both Czech and foreign professional journals and of 2 monographs.

Lecturing at Czech Techn. Univ. Prague -ČVUT.

Society aff.: Czech Assoc. Mechanics, Czech Acad. Sci. (member); Senate, Sci. Comm., Int. Assoc. Mech. Engrs - AME (member)

Business add.: ČVUT Praha, Fakulta strojní, Technická 4, 16607 Praha 6, Czech Republic

E-mail: ladislav.rus@fs.cvut.cz

Martin RUŠČÁK

Elected 2011

Managing Direktor, Research Centre Řež, Czech Republic

MBA /Sheffield Hallam Univ./ 2002; PhD /Univ. West Bohemia Pilzen/ 1991; Ing /Czech Techn. Univ. Prague/ 1985

Specialized in: degradation of engineering materials, corrosion, stress corrosion cracking, fatigue in relation to ageing of systems, structures and components of nuclear and fossil power generation, risk management and safety of technical systems. Author of more than 30 papers in technical journals and international conferences

Society aff.: Comm. on the Safety of Nuclear Installations (CSNI, NEA-OECD - member);

Executive Comm., European Energy Res. Assoc. (member); Board of trustees of State

Institute for Radiological Protection (member)

Business add.: Research Centre Řež, 250 68 Husinec - Řež, Czech Republic

E-mail: martin.ruscak@cvrez.cz

Milan RŮŽIČKA

Elected 2009

Head of the Department of Mechanics, Biomechanics and Mechatronics, Faculty of Mechanical Engineering, Czech Technical University in Prague, Czech Republic

Prof. /Czech Techn. Univ. Prague/ 2005; PhD /Czech Techn. Univ. Prague/ 1984;

Ing /Czech Techn. Univ. Prague/ 1979

Specialized in: applied and experimental mechanics, fracture mechanics and fatigue life prediction, mechanics of composites, structural health monitoring and smart structures.

Author or co-author of more than 38 journal publications, 68 publications and contributions to international conferences, 5 univ. text books, 3 monographs.

Society aff.: Danubia-Adria Symposium on Advances in Experimental Mechanics (Scientific committee member), Czech Soc. for Mechanics (financial manager), Czech Soc. of Biomechanics (member)

Business add.: Faculty of Mechanical Engineering, Czech Technical University in Prague, Technická 4, 166 07 Praha 6, Czech Republic

E-mail: Milan.Ruzicka@fs.cvut.cz

Web page: <http://web0.fsid.cvut.cz/en/home/>

Vlastimil RŮŽIČKA

Elected 2008

Professor of Physical Chemistry

Rector Emeritus, University of Chemistry and Technology, Prague (formerly Institute of Chemical Technology in Prague)

Former Vice Minister for Research and Higher Education, Ministry of Education, Youth and Sports of the Czech Republic

Rector Emeritus, University of Chemistry and Technology, Prague (formerly Institute of Chemical Technology in Prague)

Prof. /Inst. Chem. Technol. Prague/ 2003; Assoc. Prof. /Inst. Chem. Technol. Prague/ 1994;

PhD /Inst. Chem. Technol. Prague/ 1978; Ing. /Inst. Chem. Technol. Prague/ 1972

Specialized in: characterization of vapor-liquid equilibrium in a single-component system (experimental determination and correlation of thermophysical properties and vapor pressure of high-boiling organic compounds); data evaluation, generation of databases and development of methods for physical chemical properties estimation. Higher education steering and management, HE reform, R&D evaluation methodology.

Author of more than 90 papers and more than 60 presentations and contributions to sci. conferences, 1 publication, 1 textbook.

Email: vlaruzi@volny.cz

Jan RÝDL

Elected 2012

Chairman, Board of Directors, TOS VARNSDORF a.s., Czech Republic

Ing./Techn. Univ. Liberec/1978

Specialized in: design and production of machine tools,

Membership in: Sci. Advisory Board, UJEP Ústí n/L; Board, Confederation of Industry of Czech Republic; Supervisory Board, GRS Ural, Russia; Board, TOS KUNMING Machine Tool Co., Ltd, China (Chairman)

Business add.: TOS VARNSDORF a.s. Řiční 1774, 407 47 Varnsdorf, Czech Republic

E-mail : jrydl@tosvarnsdorf.cz

Petr SÁHA

Elected 2010

Rector, Tomas Bata University in Zlín Czech Republic
and

Head, Polymer Centre, Faculty of Technology, Tomas Bata University in Zlín Czech
Republic

Prof. /Univ. Technol. Brno/ 2000; Assoc. Prof. /Univ. Technol. Brno/ 1993; PhD /Univ.
Technol. Brno/ 1984; Ing. /Univ. Technol. Brno/ 1971

Guest Prof. /East China Univ. Sci. and Technology, China/

Specialized in: polymer processes, rheology and electro-rheology, polymers in medicine and
in food-processing industry, physical aging of polymers, polymer recycling, electromagnetic
properties of composites.

Author or co-author of more than 160 publications in int. journals, 4 patents, 2 inventions, 4
utility models, 2 industrial designs.

Society aff.- membership: EUA Council; EUA Funding Working Group; EUA Working
Group 3; The Polymer Processing Soc.; American Inst.. Physics; Soc. Rheology; The Nordic
Rheology Soc.; Business-Higher Education Forum. Soc. Plastics Engins (representative in the
main comm.),

Editorial boards: J. Mechanics of Time-Dependent Materials (MTDM), Int. J. Management in
Education (IJMIE), J. Plasty a kaučuk (Plastics and Rubber)

Sci. Boards-membership of Universities: Tomas Bata Univ. Zlín; Univ. Technol. Brno; Univ.
Pardubice; Alexander Dubček Univ. Trenčín.Slovakia. Sci. Boards - membership of

Faculties: Fac Technology, Tomas Bata Univ. Zlín; Fac. Management and Economics,.

Tomas Bata Univ. Zlín; Fac. Textile Enging, Techn. Univ. Liberec. Specialist Boards

membership: Fac. Chemistry, Univ. Technol. Brno; Fac. Technology, Tomas Bata Univ.

Zlín; Fac. Textile Enging, Techn. Univ. Liberec.

Business add.: Tomas Bata University in Zlín, nám. T. G. Masaryka 5555, 760 01 Zlín, Czech
Republic

E-mail: saha@utb.cz

Web page: <http://www.utb.cz>

František SEDLACEK

Elected 2007

Ing. /Techn. Univ. Žilina, Slovakia/ 1963

Specialized in: active in all kind of “trouble shutting” of the diesel engines (mostly Sulzer and Burmeister&Wain design up to nowadays the most powerful engines 110 000 kW) on test beds, ship and stationary plants including tuning and matching of turbochargers, injection equipment, welding repairs of the fatigue cracks below the crankshaft, development of the distortion-free welding without subsequent machining and post-welding heat treatment, all kind of bearing problems, tribological problems of the piston running, protection of combustion space, reconditioning of the engine components, engine alignments etc.

Autor of publications including patent applications remained as company’s know-how confidential and are not determined for general public issues.

Professional background: Sen. Superintendent, diesel engine expert of HCP Technical service PoznanPoland 2007; Wartsila Middle East Dubai, United Arab Emirates 2004; Wartsila NSD Diesel Switzerland 2000; New Sulzer Diesel Switzerland; Sulzer Bros. Ltd, Switzerland 1992; Diesel engines Test beds and technical service 1970; Sulzer Bros. Ltd, Schweizerische Lokomotiv- und Maschinenfabrik Winterthur, Switzerland 1968; ČKD Lokomotivka Praha 1968; Československá plavba Labsko-Oderská Děčín a Československá plavba námořní Praha 1963. Currently working as diesel expert for H. Cegielski, Poznan, the biggest European 2-stroke crosshead engine manufacturer, from Switzerland, Czech Republic and Canada Since 2008 external colaboration and lectures for special application engng (Czech Techn. Univ. Prague).

Business address: 4. Haldenstrasse, 8474 Dinhard, Switzerland

E-mail: f.sedlacek-hcservice@hcp.com.pl

Eva SMUTNÁ

Elected 2015

Member of Council and Vice-mayor of Prague 6 district, responsible for city planning and strategic development

Ing.arch. /Czech Techn. Univ. Prague/ 1985

Specialized in: research and expertise in urbanism and city planning, traffic issues, development issues, sustainable development and regulatory policy

Society aff.: Czech Assoc.for urban and land planning (member)

Business add.: Authority of City Department Prague 6, Cs. armady 23/601, 160 00 Prague 6, Czech Republic

E-mail: esmutna@praha6.cz

Web page: <http://www.praha6.cz>

Ivan SOUČEK

Elected 2006

Director, Association of chemical industry of the Czech Republic

PhD /UCT Prague/ 2008; Ing. /MCHTI, Moscow/ 1982

Educ: postgraduals: Prod. Mng. /JICA, Tokyo/ 1994; Business Mng. /DePaul University, Chicago/ 1992-1993; Economics /Scuola Superiore E. Mattei – Milano/ 1988-1989

Specialized in: technical development of petrochemical and refining industry, technologies using renewable sources for chemical production and motor fuels; economics of industrial development and valuation methods. Author of more than 50 articles and presentation on conferences, co-author of 5 books on Project management and Strategic planning, 8 patents.

Previous positions: Hosting Professor: UCT Prague – Department of Economics and Management / 2011-now; Advisor of Director for Strategy and Investment: NIS / 2012-2016;

Senior Consultant: ENA / 2012; Managing Director: Česká rafinérská, a.s. / 2002-2011;

Managing Director: Koramo, a.s. / 2001-2002; Technical Director: Unipetrol, a.s./ 1995 – 2001; technical positions: Kaučuk, a.s. /1982-1995;

Board of Director or Supervisory Board Member: MERO ČR; Čepro; HIP Petrohemija / 2012-2014/; Česká rafinérská / 2002-2011; Koramo / 2001-2002/, Unipetrol / 1995 – 1999/, Lovochemie /1998, Chemopetrol / 1997-1998/, VUANCH / 1997 – 2001/, PIB / 1998 – 2001/ Sci. Boards: UCT Prague (member)/ 1998-2006; Fac. Business Mng., Univ. of Economy Prague (member)/ 2001-2010.

Society aff.: CNR WPC (vice chairman); Czech Assoc. Chem. Ind. (board member); Czech Assoc. Refining Ind. and Trade (board member)/ 2002-2011; Senat of AV ČR/1998-2006.

Business add.: SCHP ČR, Rubeška 393, Prague 9, 190 00, Czech Republic

E-mail: ivan.soucek@vscht.cz

Karel STANĚK

Founding member

President, Czech – Chinese Joint Chamber of commerce and Industry

DrSc. /Techn. Univ. Transport Žilina/ 1987; PhD /Techn. Univ. Transport Žilina/ 1982; Ing. /Techn. Univ. Transport Žilina/ 1963; MBA /Univ. Minnesota USA/ 1992

Specialized in: macroeconomics theory, management theory, management, logistics, ergonomics, transport analysis, transport theory. Author 86 expert and sci.papers, 47 conference papers.

Previous positions: Head. Technol. Division, Deputy Director, ČSAD Plzeň (1964-1967); Head engineer, Dept. Road and City Transport, Ministry of Transport (1967-1989); Director, Division Macroeconomic and Advisor to the Prime Minister, Head of Office Government CSFR (1990-1993 and 2000-2003); Vice Minister and Head of Office, Ministry of Transport CR (1993-1995); Fin. Director a.s. Beton Lafarge (1995-1996); Executive Director a.s. AUTO ŠTANGL (1996-1998); Business and General Director a.s. ADAST (1998-2000). Sci Concils: Techn. Univ. Pradubice (member); Fac. Transport, Czech Techn. Univ. Prague (member); Exam. Board for PhD Degree: Czech Techn. Univ. Prague and Univ. Pardubice (member).

Business add. Office of Czech-Chinese Joint Chamber of commerce and industry, Sokolovská 198, 190 00, Prague 9, Czech Republic

E-mail: stanek.joint.chamber@seznam.cz

Josef STEIDL

Elected 2007

Professor Emeritus, Polymer & Composite Sciences and Engineering.

Prof. /Czech Techn. Univ. Prague/ 2002; Assoc.Prof. /Czech Techn.Univ. Prague/ 1993; PhD /Czech Techn. Univ. Prague/ 1980; Ing. /Inst. Chem. Technol. Prague/ 1964.

Specialized in: polymeric, composite and nanocomposite materials, structure, processing, mechanical properties and failure, chemical and environmental properties, recycling, testing.

Automotive, aerospace, production machines, biomedical and other engineering applications of polymeric materials incl. composites. Plastics – metals hybrids. Author or co-author of more than 110 papers and contributions, mostly in int. journals and conference proceedings, several textbooks, Lexicon Techn. Materials, tens sci. reports and indust. res. reports.

Professional activities: teaching, basic and applied research, nat. and int. expert activities, in-plant courses for industry.

Awarded: CSNMT prize in 2007.

Society aff.: Czech Soc. New Materials and Technologies – CSNMT (steering comm.-member); Soc. Advancement of Materials and Process Engng (SAMPE, USA).

Business add.: Czech Technical University in Prague, Faculty of Mechanical Engineering, Department of Materials Engineering, Karlovo nam. 13, 121 35 Prague 2, Czech Republic.

E-mail: jose.steidl@gmail.com

Jiří STRÁSKÝ

Elected 2006

Head, Department of Concrete and Masonry Structures, Faculty of Civil Engineering, Brno University of Technology

and

Technical Director, Strasky, Husty and Partners, Ltd., Consulting Engineers, Brno, Czech Republic

DrSc. /Czech Acad. Sci./ 2007, Prof. 1993, Assoc. Prof. 1990, PhD 1991, Ing. 1969 /Univ. Technology Brno/

Specialized in: development and design of arch, stress ribbon and cable supported bridges.

Author of over 100 contributions in journals and proceedings, 1 monograph, co-author of 3 books. Sci. Board, Univ. Technology Brno (member). Advisory panel of Proceedings of the Institution of Civil Engineers. London, UK (member)

Awarded: Fritz-Schumacher Price, 1990 - University of Hannover, Germany, Medal of Merit from the International federation for structural concrete – 1999, CTU Award 2003, University of Dundee, UK.

Business add.: Brno University of Technology, Faculty of Civil Engineering, Department of concrete and masonry structures, Veverří 95, 66237 Brno, Czech Republic

E-mail: j.strasky@fce.vutbr.cz

Jan STRUŽ

Elected 2011

President, CZECH TOP 100 Association ,

Ing. /Univ. Economics Prague/ 1973

Specialized in: banking, financing, trade, gold trading, czech-russian business relations.

Co-author of 2 books about gold, articles in economic magazines

Consultant in finance and trade (2003 -2012); Czech-Russian Enterprenial Council (president

2008 – 2012); Club Russia in Czech Republic (vice-president 2005 – 2012); ING BANK in

Czech and Slovak Republic (general manager 1992-2002); Czech Banking Assoc. Presidium

(member 1995 – 2002); Czech-Dutch Chamber of Commerce (president 1995 – 2000);

Živnostenská banka in London (general manager 1986 – 1992).

Business add.: CZECH TOP 100, a.s., Na Zátorce 12, 16000 Prague 6, Czech Republic,

E-mail: jan.struz@seznam.cz

Miroslav SVÍTEK

Elected 2013

Dean, Czech Technical University in Prague, Faculty of Transportation Sciences, Czech Republic

Prof. /Czech Techn. Univ. Prague/ 2008; DrSc. /Czech Techn. Univ. Prague/ 1996;

Ing. /Czech Techn. Univ. Prague/ 1992.

Specialized in: transport telematics, intelligent transport systems, complex systems modelling, quantum system theory, quantum informatics. Author or co-author of more than 200 publications and contributions to colloquiums, 1 int. and 13 nat. patents, 8 monograph.

Membership of Sci. Councils: Czech Techn. Univ. Prague; Univ. Žilina, Slovak Rep. ; Univ.

Pardubice - Jan Perner Transport Fac.; Univ. Pardubice – Fac. Electrical Enging and

Informatics. President of: Assoc. Transport Telematics Czech Rep.; Nat. Assoc.

Electromobility and New Technology.

Business add.: Czech Technical University in Prague, Faculty of Transportation Sciences, Konviktská 20, 110 00 Prague 1, Czech Republic

E-mail: svitek@fd.cvut.cz

Web page: <http://www.fd.cvut.cz>

Jiří SVOBODA

Elected 2001

General Manager, SPEL s.r.o. Kolín

PhD /Czech Techn. Univ. Prague/ 1978; Ing. /Czech Techn. Univ. Prague/ 1969

Specialized in: automatic control, industrial automation, project management TESLA Kolín (techn. managing director 1981-1990), entrepreneur since 1990. Other professional activities: Regional Economic Chamber in Kolín.

Business add.: SPEL s.r.o., Havlíčkova 822, 280 00 Kolín, Czech Republic

Václav ŠAFÁŘ

Founding member

Scientist

Ing. /Techn. Univ. Liberec/ 1960

Specialized in: research and development of textile technology, machines and equipment.

Author of 60 inventions appreciated with the State Honor “Merited Inventor”. New technical solutions have been presented at World exhibitions of textile machinery ITMA - Milan, Paris, Hanover. Co-author of a discovery of the laws of new fiber assembly technologies, formerly chief designer, Inst. Textile Machinery Liberec.

Society aff.: Soc. Technology Transfer Support (co - founding member)

Milan ŠÍSTEK

Elected 2012

Novák a partner s.r.o

Ing. /Czech Techn. Univ. Prague/ 1970

Specialized in: post tensioned concrete structure and bridge design. 43 years of experience.

Author of many articles in professional journals and conferences.

Honorary member, Czech Concrete Soc. since 2010

Awarded: two times by IA ČR in 2006 and 2011.

Business add.: Novák a partner s,r.o., Perucká 5, Praha 2, 120 00, Czech Republic

E-mail: sistek@novak-partner.cz

Web page: <http://www.novak-partner.cz>

Petr ŠPATENKA

Elected 2013

Professor and Head, Department of Material Science, Czech Technical University in Prague, Czech Republic

Prof. 2003; PhD /Charles Univ. Prague/ 1986; MSc. /Charles Univ. Prague/ 1978

Visiting Scientist, University of Tübingen, Germany (1991-1993). Lecturer, University of South Bohemia in České Budějovice (1993). Professor and Dean, Technical University in Liberec (2000-2013).

Specialized in: plasma diagnostics, plasma chemical processes and their application for surface treatment, and deposition of functional coatings. Author or co-author of over 70 peer-reviewed articles in int. journals, several patents, and numerous conference contributions. founder of PlasmaTech Ltd. and the president of SurfaceTreat Inc.

Karel ŠPERLINK

Founding member

President, AIP - Association for Innovative Entrepreneurship of the Czech Republic
Assoc. Prof. /Czech Techn. Univ. Prague/ 2003; PhD /Czech Techn. Univ. Prague / 1983; Ing.
/Czech Techn. Univ. Prague/ 1966

Specialized in: research of properties and structure of non - ferrous metals and alloys. Author or co-author of 88 research reports, 112 expert reports, -8- monograph, 105 papers in journals and proceedings, 5 patents.

Government Research and Development Council (member); Council Defense Res.- Ministry Defense CR (member); Sci. Councils (member): Fac. Mech. Engng, Czech Techn. Univ. Prague; Univ. West Bohemia Plzeň; UJV Řež. High Level Group, EUREKA (Czech representative); VZLU Praha (member of the Board of Directors); Confed. Industry CR (vice-president); Comm. Sci. and Res., Czech Parliament (member); Edit. Board, J. Innovative Entrepreneurship and Transfer Technologies (member). President of the Confederation of Nonferrous Industry, vicepresident of ČSVTS.

Society aff.: Assoc. Innovative Entrepreneurship; Czech Soc. New Materials and Technologies (president); Confed. Metallurgy Non-ferrous Metals (president); Program Comm., NANOMATPRO of 7 the . FM (member); Soc. Sci. and Art USA (member); ASM International (member); TMS (member); DGM (member).

Business add.: AIP, Novotného lávka 5, 116 68 Praha 1, Czech Republic

Petr ŠTĚPÁNEK

Elected 2006

Dean, Faculty of Civil Engineering, Brno University of Technology,
and

Technical Director, BESTEX, spol. s r.o., Brno

Prof. /Brno Univ.Technology/ 2002; PhD /Brno Univ.Technology/ 1980; RNDr. /Masaryk's
Univ. Brno/ 1987

Specialized in: structural engng., non-linear behaviour of structures, composite structures,
optimization of constructions design, development of new materials and systems for building
industry, programming systems for engineering tasks solution, mathematical modelling of
constructions and structures, subsoil models, repair, strengthening and reconstruction of
constructions, design of concrete and masonry structures, identification of deterministic and
stochastic systems. Author of more than 250 research papers and 2 monographs.

Sci. Boards: Brno Univ.Technology (member); Fac. Civil Engng, Brno Univ.Technology
(member); Fac. Architecture, Brno Univ.Technology (member); Fac. Civil Engng, Techn.
Univ. Ostrava (member); Klokner Inst. Prague (member); Fac. Civil Engng, Czech Techn.
Univ. Prague (honorary member); Fac. Civil Engng, Slovak Univ. Bratislava (honorary
member); Fac. Civil Engng, Univ. Žilina (honorary member); Fac. Civil Engng, Techn. Univ.
Kosice (honorary member).

Awarded: Hruban Award (Czech Civil Engrs Assoc.), Gold honorary medal (Techn. Univ.
Ostrava); excellent person of year 2004; Repair work of the year 2006

Society aff.: Assoc. Rehab. concrete structures, Czech Concrete Soc., Int.Assoc. Shell and
Spatial Structures (IASS), fib-Int. Federation for Structural Concrete, Commission 3 –
Environmental Aspects in Design and Construction of Concrete Structures, WTA CZ
(Wissenschaftlich- Technische Arbeitsgemeinschaft fuer Baudenkmalpflege und
Bauwerkserhaltung e.V), WTA Deutschland, IIFC - International Institute for FRP in
Construction, Hong Kong, China, member

Business add.: Faculty of Civil Engineering, BUT Brno, Veveří 95, 60200 Brno, Czech
Republic,

E-mail: stepanek.p@fce.vutbr.cz

Martin ŠTÍCHA

Elected 2014

Department Director, Ministry of Industry and Trade, Czech Republic

Ing. /Univ. Economics Prague/ 1978

Specialized in: administration of state aid for R&D programs, institutional support, legislation and methodology of R&D. Articles in IP & TT Bulletin.

Member of various interministerial councils, groups and committees.

Business add.: MPO, Na Františku 32, 110 15 Prague 1, Czech Republic

E-mail: sticha@mpo.cz

Jiří ŠVEJCAR

Elected 2003

Professor, Faculty of Mechanical Engineering, Technical University in Brno, Czech Republic
Prof. /Czech Techn. Univ. Prague/ 1997; Assoc. Prof. /Techn. Univ. Brno/ 1990; PhD /Techn. Univ. Brno/ 1986; Ing. /Techn. Univ. Brno/ 1961

Specialized in: electron microscopy and microanalysis. Author and co-author of more than 110 papers in Czech and int. journals, over 240 papers in conference proceedings, 4 chapters in monographs, over 300 research reports and reports for industry.

Memberssship: Boards for Ing. and PhD Degrees; Sci. Councils at 2 Czech universities (member); member of Professional Advisory Boards for Programs INTER- EUREKA ,INTER-EUROSTARS and INTER- COST .

Society aff.: Czech Soc. New Materials and Technologies ; ASM Int., DGM, SAMPE, ENMat.

Business add.: Technical University in Brno, Technická 2896/2, 600 00 Brno, Czech Republic

E-mail: svejcar@fme.vutbr.cz, jiri.svejcar@ceitec.vutbr.cz

Pavel ŠVEJDA

Founding member

General Secretary, Association of Innovative Entrepreneurship of the Czech Republic
and

Research worker

Assoc. Prof. /Czech Techn. Univ. Prague/ 2008; PhD /Charles Univ. Prague/ 1989; Ing.
/Czech Techn. Univ. Prague/ 1975

Specialized in: civil and structural engng, innovative entrepreneurship (technology transfer,
sci. and technology parks), investment construction, economic establishment, sci. and techn.
development, innovative engineering. Author of 172 papers, 68 projects, 101 conference
papers.

College of Karlovy Vary (rector 2010).

Membership: Edit. Board, Czech J. Innovative Entrepreneurship and Technology Transfer
(chairman); Sci. Council, Fac. Struct. Engng, Czech Techn. Univ. Prague (member).

Society aff.: Sci. and Technol. Parks Assoc. (president).

Business add.: Association of Innovative Entrepreneurship of the Czech Republic, Novotného
lávka 5, 116 68 Praha 1, Czech Republic

E-mail: svejda@aipcr.cz

Václav TALÍŘ

Founding member

Branch manager, Raiffeisenbank a.s., Prague

Ing. /Univ. Economics Prague/ 1971, postgradual study 1973, 1996

Specialized in: finance, banking.

Since 1980 top executive positions at the Bank of Commerce (successively Department, Branch and Executive Manager). Supervising Board, Grant Agency of the Czech Republic (chairman).

Business add.: Raiffeisenbank a.s., Vinohradska 230, Praha 10, Czech Republic

Břetislav TEPLÝ

Elected 2004

Professor and Senior researcher, Faculty of Civil Engineering, Technical University in Brno, Czech Republic

Prof. /Techn. Univ. Brno/ 1995; Assoc. Prof. /Techn. Univ. Brno/ 1978; PhD /Techn. Univ. Brno/ 1970; Ing. /Techn. Univ. Brno/ 1956

Specialized in: structural safety, reliability and life-time prediction, modeling of degradation, risk analysis. Author and co-author of over 280 contributions in journals, proceedings and books.

Society aff. membership: Czech Soc. Mechanics; Reunion Int. Laboratoires RILEM (senior member); fib – Fed. Int. Beton, Comm. 2, (corresponding member); Comm. Polish Acad. Sci.; Czech Assoc. Civil Engrs; Czech Concrete Soc. (honorary member).

Business add.: Faculty of Civil Engineering, Technical University in Brno, Veveří 95, 602 00 Brno, Czech Republic

E-mail: teply.b@fce.vutbr.cz

Web page: <http://www.fce.vutbr.cz/CHE/teply.b>

Michael TRNKA

Elected 2014

Senior engineer, Allcons Industry s.r.o. Prague, Czech Republic

Specialized in: design of steel structures. Author or co-author of a steel structures design for lot of power stations, civil buildings, roofs of stadiums and bridges. Author or co-author of more than 50 publications in professional periodical and contributions to colloquiums.

Edit. Board: J “Stavebnictví” (chairman). Member of two professional teams in Czech Eng. Chamber (ČKAIT)

E-mail: trnka.m@volny.cz

Jan TŘÍSKA

Founding member.

Scientist, Global Change Research Centre, Academy of Sciences of the Czech Republic.

Prof. /Masaryk Univ. Brno/ 2012; Assoc. Prof. /Inst. Chem. Technol. Prague/1998; PhD /Inst. Chem. Technol. Prague/1973; Ing. /Inst. Chem. Technol. Prague/1968.

Specialized in: environmental analytical chemistry, especially analysis of biologically active compounds in the environmental compartments and in the plants using GC-MS and LC-MS techniques. Author and co-author of 114 papers (95 papers with IF), over 160 conference papers and contributions, 17 patents, 1 book and 2 university textbooks.

Exam. Board for PhD Degree - environmental chemistry (member), agricultural chemistry (member); Tutor of studies in environmental chemistry; External lecturer, Fac., Science, Univ. of South Bohemia in České Budějovice.

Society aff.: Czech Chem. Society (Main Board - member)

Business add.: Global Change Research Centre, Academy of Sciences of the Czech Republic, Laboratory of Metabolomic and Isotopic Analyses, Branišovská 31, 370 05 České Budějovice.

Jiří TŮMA

Elected 2013

Professor, Faculty of Mechanical Engineering, Technical University of Ostrava,
Czech Republic

Prof. /Techn. Univ. Ostrava/ 2001; Assoc. Prof. /Techn. Univ. Ostrava/ 1998; PhD /Univ.
Technol. Brno/ 1977; Ing. /Univ. Technol. Brno/ 1970.

Specialized in: control engineering, signal processing, experimental dynamics, noise and
vibration measurement and machine diagnostics. Author of more than 200 publications,
2 books (on Signal processing in Czech) and (on Vehicle Gearbox Noise and Vibration
Wiley), 3 book chapters, 16 Czech patents, 1 International patent, and 4 textbooks.

Membership: Boards for PhD Degree of Fac. Mech. Engng., Univ. Technol. Ostrava;
Editorial Board of J. Process Mechanical Engineering.

Business add.: Technical University Ostrava, Faculty of Mechanical Engineering, 17.
listopadu 15, 708 33 Ostrava, Czech Republic

E-mail: jiri.tuma@vsb.cz

Web page: <http://homel.vsb.cz/~tum52>

Ivan UHLÍŘ

Elected 2007

Head, Division of Electrical Engineering, Department of Instrumentation and Control Engineering, Faculty of Mechanical Engineering, Czech Technical University in Prague Prof. /Czech Tech.Univ. Prague/ 1993; DrSc. /Czechoslovak Acad. Sci./ 1990; Ing.

Specialized in: electronic applications in automatic control and measurement in power engineering. Author of over 60 contributions in journals, 7 patents.

Sci. Boards: Fac. Mech. Engng., Czech Tech.Univ. Prague; Fac. Electr. Engng., Czech Tech.Univ. Prague

Awarded: Price of Minister of Education 1974; Spalas' Medal 1989 for theoretical advancement; Golden Medal of Czech Tech. Univ. Prague 2005.

Business add.: Czech Technical University in Prague, Faculty of Mechanical Engineering, Technická 4, 166 07 Praha 6, Czech Republic.

E-mail: ivan.uhlir@fs.cvut.cz

Web page: <http://fsinet.fsid.cvut.cz/cz/U2101/PERSONNEL/uhlir.html>

Jan UHLÍŘ

Elected 1998

Professor, Faculty of Electrical Engineering, Czech Technical University in Prague

Prof. /Czech Techn. Univ. Prague/ 1997; PhD /Czech Techn. Univ. Prague/ 1973; Ing. /Czech Techn. Univ. Prague/ 1962

Specialized in: analysis of electronic circuits, numerical algorithms and computer programs, digital signal processing, speech signal processing and speech recognition. Author of 7 books, 20 articles, 70 contributions in proceedings, 48 reports, 22 textbooks, 7 patents, 6 realized technical projects.

Accredit. Comm. Higher Educ. Institutions (head of working group); Sci. Councils (member): Czech Techn. Univ. Prague, Techn. Univ. Liberec, Techn. Univ. Zlín

Society aff.: IEEE (senior member), ISCA, EURASIP

Business add.: Faculty of Electrical Engineering, Czech Technical University in Prague, Technická 2, 166 27 Prague, Czech Republic

E-mail: uhlir@feld.cvut.cz

Web page: <http://amber.feld.cvut.cz>

Michael VALÁŠEK

Elected 2004

Professor, Faculty of Mechanical Engineering, Czech Technical University in Prague
Prof. /Czech Techn. Univ. Prague/ 1997; Assoc. Prof. /Czech Techn. Univ. Prague/ 1991;
DrSc. /Czech Techn. Univ. Prague/ 1991; PhD /Czech Techn. Univ. Prague/ 1985; Ing.
/Czech Techn. Univ. Prague/ 1980

Specialized in: mechanics, automatic control, artificial intelligence, mechanics of multibody systems, computational mechanics, mechatronics, robotics, machine tools, cybernetics, knowledge systems. Author of more than 500 papers in journals and conferences.

Society aff.: Euromech, IAVSD (member)

Business add.: Department of Mechanics, Faculty of Mechanical Engineering, Czech Technical University in Prague, Karlovo nám. 13, 121 35 Praha 2, Czech Republic

E-mail: valasek@fsik.cvut.cz

Web page: <http://mech.fsik.cvut.cz/staff/michael/WWW/welcome.htm>

Petr VÁRADI

Elected 2017

R&D Manager, Ammann Czech Republic a.s., Czech Republic

Ing. – Aircraft design / Military Academy Brno (VA AZ) / 1985

Specialized in: aircraft design, construction equipment design, structures design, experimental stress analysis, R&D management, additive manufacturing, machine tools, reliability, Lean Six Sigma, continuous improvement, Industry 4.0 / automation

Previous employments: Aircraft Test and Research Institute Prague, High Performance Aircraft Int. s.r.o., Doosan Bobcat Engineering s.r.o., Kovošvit MAS a.s., Way Industries a.s., Zetor Tractors a.s.

Society aff.: Committee for European Construction Equipment (member): Experimental Aircraft Association (USA) (member).

Business add.: Ammann Czech Republic a.s., Nové Město nad Metují, Czech Republic

Web page: <http://www.ammann-group.com>

Vladimír VAŠEK

Elected 2012

Professor, Faculty of Applied Informatics, Tomas Bata University in Zlin (TBUZ), Czech Republic

Head, Department of Automatic Control

Dean of Faculty (2006 – 2014)

Prof. /Techn. Univ. Ostrava/ 2003; Assoc. Prof. /Techn. Univ. Ostrava/ 1994; PhD /Techn. Univ. Brno/ 1981; Ing. /Techn. Univ. Brno/ 1973

Specialized in: microcomputer and computer real - time monitoring and control systems of technological processes, discrete control algorithms. Author and co-author of 2 monographs, 11 univ. textbooks, 50 journal articles, more then 250 conference papers, more then 50 research reports.

Membership: Sci. Boards, Fac. Applied Informatics, TBUZ; Tomas Bata Univ. Zlin-TBUZ; Fac. Mech. Enging TU Ostrava; Fac. Management and Economics, TBUZ; Fac. Electrical and Informatics Enging and Fac. Production Enging Prešov (SK); Nat. DAAAM comm.; American Leather Association.

Business add: Faculty of Applied Informatics, TBU in Zlin, Nad Stráněmi 4511, 760 05 Zlín, Czech Republic.

E-mail: vasek@fai.utb.cz

Web page: <http://www.fai.utb.cz>

Petr VAVŘÍN

Elected 1997

Professor, University of Technology in Brno

Prof.; DrSc. /Techn. Univ. Brno/ 1990; PhD /Techn. Univ. Brno/ 1968; Ing. /Czech Techn. Univ. Prague/ 1960

Specialized in: automatic control, artificial intelligence, system sci., cybernetics. Author of 31 papers, 3 monographs, 65 conference contributions.

Exam. Boards for PhD and DrSc. Degrees (member); NC of IFAC (member).

Business add.: University of Technology in Brno, Božetěchova 2, 612 66 Brno, Czech Republic

Robert VÍCH

Elected 1998

Senior Scientist, Emeritus, Digital Signal Processing Department, Institute of Photonics and Electronics, Academy of Sciences of the Czech Republic

Dr.h.c. /Brno Univ. Technology/ 2004; Dr.-Ing.h.c. /Dresden Univ. Technology/ 2000; Visit. Prof. /J. W. Goethe Univ. Frankfurt /M. /1987; DrSc. /Czechosl. Acad. Sci./ 1986; PhD /Czech Tech. Univ. Prague/ 1961; Ing. /Czech Tech. Univ. Prague/ 1954

Specialized in: functional transformations, digital signal processing and digital filters, speech analysis and synthesis, text-to-speech synthesis. Author of 5 books, 165 publications in sci. journals, conference proceedings and textbooks.

Awarded: Prize of the Czechoslovak Academy of Sciences 1986; Gold Medal František Křížík 1992.

Exam. Board for DrSc. Degree (member); Boards for PhD Degree (member); Sci. Boards: Fac. Electr. Engng, Czech Tech. Univ. Prague (member till 1999); Fac. Electr. Engng and Com., Brno Univ. Technology (member); Management Comm. COST 233, 258, 277, 2102 (member and nat. coordinator); Editor of the Proc. of Czech-German Workshops on Speech Processing.

Society aff.: URSI, EURASIP, IEEE.

Business add.: Institute of Photonics and Electronics, Academy of Sciences of the Czech Republic, Chaberská 57, 182 51 Praha 8, Czech Republic

E-mail: vich@ufe.cz

Web page: <http://www.ufe.cz>

Antonín VÍTEČEK

Elected 2007

Professor, Faculty of Mechanical Engineering, Technical University Ostrava, Czech Republic
Dr.h.c./Kielce Univ. Techn., Poland/ 2009; Dr.h.c. /Techn. Univ. Košice, Slovakia/ 2002;
Prof. /Techn. Univ. Ostrava/ 1992; Assoc. Prof. /Techn. Univ. Ostrava/ 1992; Assoc. Prof.
/Czech Techn. Univ. Prague/ 1983; PhD. /Techn. Univ. Warsaw, Poland/ 1972; MSc. /Techn.
Univ. Warsaw, Poland/ 1967

Specialized in: control engineering, nonlinear and optimal control. Author and co-author of 2
monographs, 4 books (3 abroad), 29 univ. textbooks, 60 articles in journals, more than 220
conference papers and 80 research reports.

Sci. Boards (member): Fac. Mech. Engng, Techn. Univ. Ostrava; Fac. Mech. Engng, Techn.
Univ. Brno; Fac. Appl. Inf., T. Bata Univ. Zlín. Boards for PhD Degree (member): Fac.
Mech. Engng and Fac. Mining and Geology, Techn. Univ. Ostrava; Fac. Mech. Engng, Czech
Techn. Univ. Prague; Fac. Appl. Inf., T. Bata University Zlín; Fac. Mech. Engng Univ.,
Techn. Univ. Košice, Slovakia.

Society aff.: Union Czech Maths and Physicists (member)

Business add.: VŠB – Technical University of Ostrava, Faculty of Mechanical Engineering,
17. listopadu 15, 708 33 Ostrava – Poruba, Czech Republic

E-mail: antonin.vitecek@vsb.cz

Web page: <http://www.fs.vsb.cz>

Jan L. VÍTEK

Elected 2011

Expert, Metrostav a.s. Czech Republic
and

Professor, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic

Prof. /Czech Tech. Univ. Prague/ 2004; Certified Eng. /Czech Chamber Cert. Eng./ 2000;
PhD /Czech Tech. Univ. Prague/ 1985; Ing. /Czech Tech. Univ. Prague/ 1981.

Specialized in: concrete structures and bridges, composite steel-concrete structures, research, design, execution and rehabilitation. Author of more than 280 papers in journals and conference proceedings.

Society aff.: Czech Concrete Soc. (president 1999-2006 and vice-president 2006 -); Int. Fed. for structural concrete - fib (Czech delegate and Convenor – T 2.1 Serviceability models, Chairman – Comm.2 Analysis and design); Int. Assoc. for Bridges and Struct. Eng. (IABSE-member).

Sci. Boards membership: Fac. Civ. Enging, Czech Tech. Univ. Prague; Klokner Inst., Czech Tech. Univ. Prague; Fac. Civ. Enging, Techn. Univ. Brno, Fac. Civ. Enging, Techn. Univ. Ostrava. Honorary member of the Czech Institution of Civil Engineers, Honorary member of the Czech Concrete Society.

Awards: Humboldt Fellowship, 1989; fib Award – outstanding structure 2002; fib Award - Special mention 2018, Award of Eng. Acad. Czech Rep. 2002.

Business add: Metrostav a.s., Koželužská 2450/4, 180 00 Praha 8, Czech Republic
E-mail: vitek@metrostav.cz

Pavel VLASÁK

Elected 2006

Former Director, Institute of Hydrodynamics, Academy of Sciences of the Czech Republic, v. v. i., Head of department Mechanics of fluid and disperse systems

Prof. /Czech Techn. Univ. Prague/ 2009; Assoc.Prof. /Czech Techn. Univ. Prague/ 2008; DrSc. /Czechoslovak Acad. Sci./ 2001; PhD /Czech Techn. Univ. Prague/ 1974; Dip.H.E. /Int. Courses Hydraulic & Hydrology Engng., Delft, Holandsko/ 1970; Ing. /Czech Techn. Univ. Prague/ 1963

Specialized in: flow of solid-liquid mixtures in closed conduits, slurry and capsule pipeline transport, sedimentation and thickening, open channel flow, water management and environmental protection. Author and co-author of over 400 contributions in journals, conference proceedings and research or technical reports.

Czechoslovak Acad. of Sciences, Member of the Presidium and Scientific Secretary (1990-2003); Czech Acad. Sci.-Acad. Assembly (member from 2003), Vice-President (2005-9); Sci. Council ASCR (member 1993-2001 and from 2006, Vice-President 2001-5); Vice-President of the Grant Agency of AS CR (1994-7); Member of the Scientific Council of the Czech Techn. Univ. Prague (2006-9).

Supervisory Boards: Inst. Plasma Physics AS CR, v. v. i. (chairman); Centre for Administration and Operations AS CR, v. v. i. (member); Board, Inst. Hydrodynamics AS CR, v. v. i; Edit. Board: J. Engng. Mechanics, Mining Journal (member) and J. Hydrology and Hydromechanics (Editor).

Awarded: Czechoslovak Acad. Sci. Prize; Professoris Honorarii (Universitatis Rerum Naturalium Wratislaviensis, Polonia)

Society aff.: Amer. Chem. Soc. (member); Int. Freight Pipeline Soc. (former president); Int. Soc. Offshore and Polar Engrs (member); Int. Soc. for Underground Freight Transportation (founding member), Czech Chem. Soc. (member); Czech Soc. Mechanics (member).

Business add.: Institute of Hydrodynamics AS CR, v. v. i., Pod Pařankou 30/5, 162 00 Praha 6, Czech Republic;

E-mail: vlasak@ih.cas.cz

Jaromír VOLF

Elected 2009

Head, Department of Electrical Engineering and Automation, Faculty of Engineering, Czech University of Life Sciences Prague

and

Department of Instrumentation and Control Engineering, Faculty of Mechanical Engineering, Czech Technical University in Prague, Czech Republic

Prof. /Czech Tech. Univ. Prague/ 2009; DrSc. /Czech Tech. Univ. Prague/ 2001; Ing. /Czech Tech. Univ. Prague/ 1978

Specialized in: electrotechnics, electronic, microelectronic and microprocessor systems, sensor technique - sensors and transducers for automation, robotics, medicine and biomechanics, special measurement for robotics. medicine and biomechanics, control engineering, methods of pattern recognition of tactile information. Author and co-author 92 articles publicized in nat. journals or conferences, 110 articles publicized in int. journals or conferences, 31 patents and patents registration, 3 int. patent registration – USA,EU, Russia, 1 chapter in monograph.

Awarded: 1st Award of Year Innovation 1998; Silver Medal Techn. Univ. Košice Slovakia 2003; Award of Year Innovation 2005 (2nd position) ; Award of Year Innovation 2007 (3rd position); Medal Who is who carrier of insignias from 2007; Silver Medal IX. Int. Fair Innov.& Invest. Moscow 2009; Gold Medal IFIA (Int. Fed. Inventors Assoc.) Nurnberg; Silver Medal IENA2010 Nurnberg; Gold Medal in the 2nd World Cup of Computer Implemented Inventions, Taiwan.

Society aff: Gen. Council, IMEKO (member); Int. Comm., IMEKO TC 17 (member); Nat. Comm., IMEKO (president); Program Comm., XX IMEKO 2012 World Congress (member); Presidium, Czech Assoc. Sci. and Techn. Societies (vice-president); Czech Assoc. Sci. and Techn. Societies (science secretary 2005-2007); Dean's collegium and Sci. Council FE CULS Prague (member); Electronics branch council, FEE CTU Prague (member); Acad. Senate, FME CTU (member 2008-2010); Study Comm., Acad. Senate FME CTU (member 2008-2010); Czech-Slovak system EXPERT (member); Who's Who in the World, ABI USA and IBC Cambridge England, Who is Who in CR (member).

Business add: Faculty of Engineering, Czech University of Life Sciences Prague,

Kamýčká 129, 165 21 Prague 6, Czech Republic;

E-mail: volf@tf.czu.cz, jaromir.volf@fs.cvut.cz;

Web page: <http://www.tf.czu.cz>, <http://www.fs.cvut.cz>

Jiří VOLF

Elected 2010

Advisor to the Minister of Finance of the Czech Republic (since 2008), Ministry of Finance of the Czech Republic

Assoc. Prof. 1989; PhD /Techn. Univ. Brno/ 1987; Ing. /Univ. Economics Prague/ 1967

Deputy Minister and State Secretary at the Ministry of Finance (from 1993 till 2008). Since 1993 served in several government advisory bodies, since 1993 appointed by the Ministry of Finance in administrative and supervisory authorities of the state and commercial organizations

Specialized in economics, management and financing of public services (particularly education and health); co-author of numerous laws and conceptual materials. Author of more than 50 published essays, studies and co-author of numerous publications including university textbooks focused on economics and management of public services.

Member of Boards of 5 Public Universities; Acad. Assembly, Acad. Sci. CR (member).

Member of the Sci. Councils: Czech Univ. Agricul. Prague; Univ. Economics Prague, Fac.

Fin. and Accountancy; Univ. Masaryk Brno, Fac. Economics and Administration; Techn.

Univ. Brno, Inst. Forensic Engng. CEO of the Tax Academy Co. Lecturer of PhD, Fac Econ. and Administration, Univ. Masaryk Brno

E-mail: jirivolf@email.cz

Ivo VONDRÁK

Elected 2010

Rector, VŠB - Technical University of Ostrava, Czech Republic

Prof. /Techn. Univ. Ostrava/ 1998; PhD /Univ. Zilina/ 1988; Ing. /Techn. Univ. Ostrava/1983

Specialized in: modeling and simulation. Author or co-author of more than 130 publications and contributions to colloquiums. Founder of Center of Excellence IT4 Innovations.

Research, Development and Innovation Council, an advisory body to the Government of the Czech Republic.

Membership: Res. Council, VSB; VUT Brno; UP Olomouc.

Address: 17. listopadu 15, 708 33 Ostrava - Poruba, Czech Republic

E-mail: ivo.vondrak@vsb.cz

Web page: <http://vondrak.cs.vsb.cz>

Zdeněk VOSTRACKÝ

Founding member

Professor, University of West Bohemia University in Plzeň, Czech Republic

DrEng. h.c. /Univ. London/ 2001; Professor /UWB Pilsen/ 1990; DrSc. /Czech Techn. Univ. Prague/ 1988; PhD /Techn. Univ. Pilsen/1976; Ing. /Techn. Univ. Pilsen/ 1964,

Rector /Univ. West Bohemia Pilsen /1998-2004/, EMBA (senior level) /Columbia University-New York /1991.

Specialized in: switchgear - high voltage and transmission and distribution systems, application of plasma physics in circuit - breakers, management R&D. Author more than 150 papers, 5 monographs, 45 conference papers (11 key - note speeches at int. conferences), 23 realized projects, 39 patents, lectures in 13 countries,

Sci. Council memberships: 3 in Pilsen and in Czech Techn. Univ. Prague/ 2001- 2005; Techn. Agency of the Czech Republic/ 2010-2015; Charles University Prague/2014-2018/.

Previous positions: Board of directors' ŠKODA Plzeň (chairman); R&D Center (director), UWB Senate (chairman) 1997-1998, R&D Government Council CR (member); Visiting professor USA universities Millwaukee, Portland Univ.,

Society aff.: CIGRE, IEEE Senior Life Member/2018. Awards besides next: Medal of Power energy progress/2014/; University excellent education /2018/.

Business add.: University of West Bohemia, Univerzitní 22, 306 14 Plzeň, Czech Republic.

Lukáš VRÁBLÍK

Elected 2018

Technical Director, Novak&Partner, Ltd. Prague, Czech Republic

Assoc. Prof. /Czech Techn. Univ. Prague, Faculty of Civil Engineering/ 2008; PhD /Czech Techn. Univ. Prague, Faculty of Civil Engineering/ 2008; Ing. /Czech Techn. Univ. Prague, Faculty of Civil Engineering / 2004

Specialized in: theory of structures, concrete structures, creep, shrinkage, shell structures, design of bridges. Author or co-author of more than 50 publications and contributions to proceedings, 1 patent, 1 monograph.

Society aff.: The Czech Chamber of Chartered Engineers and Technicians, Czech Concrete Society (member); The International Federation for Structural Concrete, RILEM (member); Member of FIB Group for Model Code Standard definition, Member of group for Eurocode Standard implementation

Business address: Novak&Partner, Ltd., V Olšínách 2300/75, 100 00 Prague, Czech Republic

Web page: www.novak-partner.cz

CTU in Prague, faculty of Civil Engineering, Thakurova 7, 166 29 Prague 6, Czech Republic,

Web page: <http://www.fsv.cvut.cz>

Ivan WILHELM

Elected 2012

Plenipotentiary Person of the Government for the EU R&D Programs

and

Professor of the Experimental Physics of the Charles University in Prague

Prof. /Charles University in Prague/ 1999; PhD /Charles Univ. Prague/ 1972; Ing. /Techn. Univ. Prague/ 1964

Specialized in: nuclear and particle experimental physics, R&D management, high education systems. Author or co-author of more than 100 publications and contributions to colloquiums, 6 patents.

Memberships: Sci. Council, Joint Inst. Nuclear Res. in Dubna (Russian Fed.); Sci. Council,

Charles Univ. Prague; Board of Trustees Member of several universities in the Czech Republic

Business add.: Faculty of Mathematic and Physics, V Holešovičkách 2, 180 00 Prague 8, Czech Republic

E-mail: ivan.wilhelm@ruk.cuni.cz

Jiří WINKLER

Elected 2005

Representative , Siemens, Czech Republic

PhD /Czech Techn. Univ. Prague/ 1976; Ing. /Czech Techn. Univ. Prague/ 1966

Specialized in: semiconductor convertors. electrical drives, power characteristic, electromagnetic kompatibility, frequency convertors for regulation of alternating current motors.

Senior researcher ČKD (1967-1991). Autor and co-author of over 50 papers in journals and proceedings, 20 patents

Sci Boards of Facs of Electrical Engng: Czech Techn. Univ. Prague, Brno Univ. Technology and Techn. Univ. Ostrava (member)

Society aff.: Interelektrum (member)

Business add.:Siemens s.r.o.,Automation and Drives (A& D), Evropská 33a, 160 00 Praha 6
Czech Republic

Rudolf ZAHRADNÍK

Founding member

Honorary President, Academy of Sciences of the Czech Republic
and

Scientist, J. Heyrovský Institute of Physical Chemistry

Prof. /Charles Univ. Prague/ 1992; DrSc. /Czechoslovak Acad. Sci./ 1968; Ing. /Inst. Chem.
Technol. Prague/ 1952

Specialized in: theoretical and quantum chemistry, molecular spectroscopy, chemical reactivity and weak intermolecular interactions. Author and co-author of 12 books and textbooks, 370 papers. Honoris causae doctor of several leading foreign universities. Society aff.: Czech Learned Soc. (member); honorary member of numerous foreign sci. societies and institutions.

Business add.: J. Heyrovský Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Dolejškova 3, 182 23 Prague 8, Czech Republic

E-mail: rudolf.zahradnik@jh-inst.cas.cz

Jiří ZÁWORKA

Elected 1998

Member /European Acad. Sci./ 2003; DrSc. /Czechoslovak Acad. Sci./ 1984; PhD

/Czechoslovak Acad. Sci./ 1961; Ing. /Techn. Univ. Chem. Technol. Prague/ 1957

Specialized in: mathematical modeling and simulation of process dynamics of large-scale networks. Author of 80 papers in Czech and int. journals, 4 monographs.

Visit. Prof. /Univ. Havana, Cuba/ 1965–1967.

E-mail: zaworkaj@quick.cz

Jan ZDEBOR

Elected 2015

Technical Advisor to General Director, ŠKODA JS a.s., Czech Republic
and

Vicedean Faculty of Mechanical Engineering, University of West Bohemia

PhD. /Techn. Univ. Plzeň/ 1993; Ing. /Techn. Univ. Plzeň/ 1975

Specialized in: nuclear reactors, control rod drive mechanisms of nuclear reactors,,.

Autor or co-autor of over 80 contributions in journals and proceedings.

Research board, New technologies research centre, Univ. West Bohemia (member),

Board Direct. Technology Platform “Sustainable Energy for the Czech Republic” (member).

Society aff.: Czech Nuclear Society (member),

Business add.: ŠKODA JS a.s., Orlík 266, 316 00 Plzeň, Czech Republic

and Faculty of Mechanical Engineering, University of West Bohemia, Univerzitní 8,
306 14 Plzeň, Czech Republic

E-mail: jan.zdebor@skoda-js.cz, zdebor@kke.zcu.cz

Vladimír ZEMAN

Elected 1996

Professor, Faculty of Applied Sciences, University of West Bohemia in Pilsen

Prof.; DrSc. /Techn. Univ. Plzeň/ 1987; PhD /Techn. Univ. Plzeň/ 1968; Ing. /Techn. Univ. Plzeň/ 1961

Specialized in: dynamics in machines, vibration of mechanical systems, optimization of design variables. Author and co-author of more than 200 papers in Czech and int. journals and proceedings, 2 books, 2 monographs, 4 patents, 80 research reports, 9 textbooks.

Exam. Board for PhD Degree.

Society aff.: Czech Soc. Mechanics; Euromech and GAMM (member).

Awarded: Nat. prize of Parliament Czech Republic 1989, Professor Bažant's Prize for Engineering Mechanics 2014.

Business add.: Department of Mechanics, Faculty of Applied Sciences, University of West Bohemia in Pilsen, Univerzitní 8, 306 14 Plzeň, Czech Republic

E-mail: zemanv@kme.zcu.cz

Petr ZEMÁNEK

Elected 2011

General Manager, Association of Engineering Technology of the Czech Republic.

Ing. /Univ. Economics Prague/.

Specialized in: international trade and business.

More than twenty-year experience as a top manager of Machine Tool Industry

Finalist in the Manager of the Year competition for Manager of the Branch title. (1999, 2004 and 2008)

Sci. Councils – membership: Fac. Mechanical Enging Fac., Czech Techn. Univ. Prague and Fac. Production Technology and Management, Jan Evangelista Purkyně Univ. Ústí nad Labem Czech Rep.

Member of the European General Managers of Machine Tool Industry group within CECIMO.

Business add: Politických vězňů 11, 113 42 Praha 1 Czech Republic

E-mail: zemanek@sst.cz

Web page: <http://www.sst.cz>

Pavel ZÍTEK

Founding member

Professor, Head, Department of Automatic Control, Faculty of Mechanical Engineering, Czech Technical University in Prague Prof.; DrSc. /Czech Techn. Univ. Prague/ 1987; PhD /Czech Techn. Univ. Prague/ 1968; Ing. /Czech Techn. Univ. Prague/ 1961

Specialized in: computer modeling and control systems, particularly in delay and hereditary systems and their fault detection, techn. cybernetics. Author over 45 contributions in journals and proceedings, 2 books, 3 monographs, 1 book awarded by the Czech Techn. Foundation. Exam. Boards for PhD Degree (chairman) and DrSc. Degree (member). ÚTIA, Czech Acad. Sci. (member); Edit. Board, Czech J. Automation (chairman); Advisory Comm. for Nuclear Safety (member); Acad. Senate, Czech Techn. Univ. Prague (member).

Society aff.: Board, Zvoníček's Foundation (chairman).

Business add.: Faculty of Mechanical Engineering, Czech Technical University in Prague, Technická 4, 166 07 Praha 6, Czech Republic

František ZÝKA

Elected 2001

Chairman of Board and Director, ELIS Plzeň a.s.

PhD /Techn. Univ. Plzeň/ 1978; Ing. /Techn. Univ. Brno/ 1971

Specialized in: electrical drives, control, automation, ultrasonic flowmeters, heat meters.

Author of 15 papers, 6 patents.

Business add.: ELIS Plzeň a.s., Luční 15, P.O.Box 126, 304 26 Plzeň, Czech Republic

Karel ŽEBRAKOVSKÝ

Elected 2015

Head, Department of Science and Research, Office of Rector, Czech Technical University (CTU) in Prague, Czech Republic

Ing. /Czech Techn. Univ. Prague/ 1973

Specialized in: international relations and diplomacy, international cooperation in R&D programmes and projects, international cooperation in education, cybernetic and IT technology

Membership: Canadian Chamber of Commerce in Prague, CVUT MediaLab Foundation, Prague

Business address: Czech Technical University in Prague, Jugoslávských partyzánů 1580/3, 160 00 Prague 6 - Dejvice, Czech Republic

E-mail: karel.zebrakovsky@cvut.cz

Web page: <http://www.cvut.cz>

Academy Foreign Members

Ivo M. BABUSKA

Professor, R.B. Trull Chair in Engineering, University of Texas at Austin, Texas, USA
Dr.h.c. /Czech. Tech. Univ. Prague/ 2007; Dr.h.c. /Helsinki Univ. Technology/ 2000; Dr.h.c. /Charles Univ. Prague/ 1997; Dr.h.c. /Brunel Univ. UK/ 1996; Dr.h.c. /Westminster Univ. UK/ 1994; Dr.Sc./Czechoslovak Acad. Sci/ 1960; PhD /Czechoslovak Acad. Sci/ 1955; PhD /Czech. Tech. Univ. Prague/ 1951; Ing. /Czech Tech. Univ/

Specialized in: numerical mathematics. Author of more than 320 papers and 9 books.

Awards: Czechoslovak State Award 1968; Birkhoff Prize /AMS, SIAM/ 1994, Steele Prize for Lifetime Achievement /AMS/ 2012.

Medals: J.V. Neumann ACM, Bolzano; Acad. Sci Czech Rep., CAS 1996; ICAM Congress (Newton, Gauss), ICAM 2006; Quicumque Homo Natus Est, CAS, 2006; etc.

Asteroid 36060 named Babuska

Distinguished Prof. Emeritus /Univ. Maryland USA/1999

Society aff.: US Nat. Acad. Engng (member); Acad. Medicine, Engng and Sci Texas, USA (member); Czech Learn. Soc. (foreign member); Assoc. Czech Math. Phys. (hon. member); US Assoc. Comp. Mech. (ACM-fellow); Int. Assoc. Comp. Mech. (ICAM-fellow), SIAM (fellow) etc.

Business add: Institute for Computational Engineering and Sciences, The University of Texas at Austin, 201 East 24 Street, 1 University Station CO200, ACES, 4.102, Austin, Texas 78712, USA

E-mail: babuska@ices.utexas.edu

Zdeněk P. BAŽANT

Mc Cormick Institute Professor and WP Murphy Professor of Civil and Mechanical Engineering and Materials Science, Northwestern University, Evanston, Illinois, USA
Prof.h.c./Southeast Univ. Nanjing/ 2012; Dr.h.c. /Ohio State Univ., Columbus/2011; Dr.h.c. /Techn. Univ. Wien /2005; I.N.S.A. Lyon, France/ 2004; Dr.h.c. /Univ. Milano, Italy/ 2002; Dr.h.c. /Univ. Colorado, USA/ 2000; Dr.h.c. /Karlsruhe, Germany/ 1997; Dr.h.c. /Czech. Techn. Univ. Prague/ 1991; Prof. /Northwestern Univ., Evanston, USA/ 1973; Assoc. Prof. /Czech. Techn. Univ. Prague/ 1967; PhD /Czechoslovak Acad. Sci./ 1963; Ing. /Czech. Techn. Univ. Prague/ 1960

Specialized in: mechanics of materials and structures, particularly fracture, creep, plasticity structural safety and durability, probabilistic modeling, nanomechanics. poromechanics with hygrothermal effects, chemomechanics, forensic engineering; with applications to concrete, composites, ceramics, rocks, soils, sea ice and bones, and to design of bridges, tall buildings, reactor containments, ships, aircraft, automobiles and micro-devices.

Author of 6 books and over 500 refereed jour. articles.

US Nat. Acad. Engng (member); US Nat. Acad. Sci. (member); Am. Acad. Arts and Sci. (member); Austrian Acad. Sci. (foreign member); Ital. Nat. Acad. dei Lincei (foreign member); Span. Royal Acad. Engng (foreign member); Acad. Sci. & lettere, Italy (foreign member), Eur. Acad. Sci. and Arts (member).

Society aff.: Soc. Engng Sci. (fellow, president 1993); American Acad. Mech. (fellow); ASME (fellow); RILEM (fellow); ACI (Honorary Member); ASCE (Honorary Member); IA-FRAMCOS (member, founding president 1992, honorary president 2004); IA-CONCREEP (member, founding president 2001).

Awarded: SES Prager Medal; ASME Timoshenko Medal, Nadai Medal, Warner Medal; ASCE von Karman Medal, Newmark Medal; Biot Medal; Croes Medal; Lifetime Achievement Award; Huber Prize and TY Lin Award; L'Hermite Medal (RILEM, Paris); Torroja Gold Medal (Spain); Humbolt Prize (Germany); Šolín Medal; Zdeněk Bažant Sr. Medal; Stodola Gold Medal (SAV); Czech Soc. Mech. Medal; ISI Highly Cited Scientist.
Business add.: Northwestern University, [MEAS-DELETE, NOT NEEDED], 2145 Sheridan Rd., Dept. Civil. Engng., Evanston, IL 60208 USA

E-mail: z-bazant@northwestern.edu

Web page: <http://cee.northwestern.edu/people/bazant/>

Vladimir BLAZEK

Senior Advisor & Executive Team Member, Chair for Medical Information Technology, Helmholtz-Institute for Biomedical Engineering, RWTH Aachen University Germany
Prof. /Czech Techn. Univ. Prague/ 1995; Dr.h.c. /Czech Techn. Univ. Prague/ 2002; Dr.-Ing. /RWTH Aachen Univ./ 1979; Ing. /Techn. Univ. Brno/ 1969

Specialised in: biomedical optics and biomedical engineering, functional optical imaging technology, modelling & simulation of photon-tissue interaction. European university co-operation in education & research.

More than 100 publications in books and scientific journals, more than 40 patents and patent registrations.

Membeship: General sci. advisory board, CTU Prague, Advisory council, Technological Agency of the Czech Republic, Selection comm. Mummert Foundation, Germany.

Honorary membership in: DGP, SCFL, CAS, ADA, SAS

Business address: MEDIT/RWTH, Pauwelsstr. 20, D-52074 Aachen, Germany

E-mail: blazek@hia.rwth-aachen.de

Web page: <http://www.medit.rwth-aachen.de>

Rudolf HANKA

Professor, Wolfson College, Univ. of Cambridge, UK,
Chief Scientific Adviser to the Prime Minister of the Czech Republic (2012 – 2014)
Member of the R&D Council of the Czech Republic (2010 – 2014)
Vice-President Wolfson College, Univ. of Cambridge, UK (1999 – 2002)
Prof. 1999; PhD /Univ. Strathclyde UK/ 1976; MA /Univ. Cambridge UK/ 1972; Ing /Czech Techn. Univ. Prague/ 1961
Specialized in: statistical pattern recognition, applications of artificial intelligence to problems of medical diagnosis, transfer of technology from universities to industry.
Author or co-author of over 100 papers (in English) published in sci. journals with over 1000 citations (h index = 17). Until his retirement in 2004 was Director of the Centre for Clinical Informatics, Univ. Cambridge, UK. During his tenure (since 1972) at the University of Cambridge he was also a visiting professor at the University of Hong Kong and the City University, both in Hong Kong; and First Military Medical University, Guangzhou, Peoples Republic of China. Membership of Sci. Boards: Faculty of Management, Economic Univ. Prague; and Economic Univ. Prague.
Awards: Bolzano Medal of the Czech Academy of Sciences 2003
Society aff.: IEEE (life member), Royal Statistical Soc. (Fellow), Royal Society of Medicine (Fellow).
Business add.: Wolfson College, Cambridge, CB3 9BB, UK
E-mail: rh10@cam.ac.uk

Kozaburo HAYASHI

Dean and Professor, Okayama University of Science, Japan (Dean, School of Engineering and Graduate School of Engineering; Professor, Department of Biomedical Engineering; Professor Emeritus, Osaka University, Japan

Dean /Okayama Univ. Sci. 2010; Prof. /Okayama Univ. Sci./2005; Prof. /Osaka Univ./1993; Prof. /Hokkaido Univ./1987; Dept. Director /Nat. Cardiovasc. Ctr. Res. Inst./1982; Div. Head /Nat. Cardiovasc. Ctr. Res. Inst./1979; Res. Fellow /Cleveland Clinic USA/1976; Res. Associate/Kyoto Univ./1970; PhD/Kyoto Univ./1970

Specialized in: biomechanics, biomaterials, biomechanical engineering. Author and/or editor of 32 books (10 in English, 22 in Japanese), 216 refereed papers (127 in English, 89 in Japanese), 21 monographs (18 in English, 3 in Japanese), 78 review articles (9 in English, 69 in Japanese), 160 int. conference papers.

Society aff.: Europ. Acad. Sci. (member); Jap. Soc. Mech. Engng (member); Am. Soc. Mech. Engng (member); Am. Inst. Med. Biol. Engng (member); Jap. Soc. Med. Biol. Engng (Council member); Europ. Soc. Biomechanics (member).

Business add.: Department of Biomedical Engineering, School of Engineering, Okayama University of Science, Ridai-cho, Okayama 700-0005, Japan

E-mail: khayashi@bme.ous.ac.jp

Web page: <http://www.bme.ous.ac.jp>

Ivan HRIVŇÁK

Professor, Faculty of Materials and Technology, Slovak University of Technology in Trnava, Slovakia

DrSc.h.c. /Techn. Univ. Košice, Slovakia/ 2003; Rector /Techn. Univ. Košice, Slovakia/ 1992-1994; Academician /Acad. Sci. Ukraine/ 1993; Prof. /Techn. Univ. Košice, Slovakia/ 1987; Academician /Slovak Acad. Sci./ 1982; DrSc. /Techn. Univ. Bratislava, Slovakia/ 1968; Ing. /Techn. Univ. Bratislava, Slovakia/ 1954

Specialized in: physical metallurgy, materials science and welding. Author of 300 papers, 12 monographs, over 150 conference papers.

Exam. Board for PhD Degree in Slovakia (chairman); tutor of advance studies; State Engng Examination (chairman); Sci. Boards: Fac. Mater. Sci. and Technology, Slovak Univ. Technology (member); Fac. Indust. Engng, Tech. Univ. Trenčín, Slovakia (member). Sci. Advisory Boards: Russian J. Automatic Welding (member); Slovak J. Metallurgical Transactions (member); J. Materials Engng (member).

Society aff.: Comm. IX.-Weldability, Int. Inst. Welding (chairman 1987-95; vice-president 1992-1994).

Business add.: Slovak University of Technology in Trnava, Faculty of Materials and Technology, Dept. Materials Engng, J. Botta 24, 917 24 Trnava, Slovakia

Gérard LALLEMENT

Emeritus Professor, University of Franche-Comté in Besançon, France

DrSc. /Univ. Besançon/ 1973; Doct. Ing. /Univ.Besançon/ 1961; Dipl. Ing. /Univ.Besançon/ 1957

Specialized in: time definition (resonators), mechanical properties of solids, dynamics of mechanical structures. Author of 70 journal papers , 130 conferences publications, 50 research reports for industry.

Former Director of the Applied Mechanics Laboratory R. Chaléat, UMR CNRS -University of Besançon; Former Director of the Doctoral School, Sci. for Engng, University of Besançon.

Business add.: Applied Mechanics Laboratory R. Chaléat - 24 chemin de l'Épitaphe, 25000 Besançon, France

Pier Giorgio MALERBA

Professor, Department of Structural Engineering, Politecnico di Milano, Italy.

Aeronautical Eng./Politecnico di Milano/1972.

Specialized in: Experimental Analysis. Interferometric methods applied to strain analysis.

Finite Element Analysis of Reinforced Concrete Structures. General Methods for non Linear Analysis. Semianalytical Discrete Methods. Time dependent behaviour of structures. Stability of slender members. Influence of geometrical non linearities on stability of large structures.

Design and safety evaluation. Structural application of the artificial intelligence methods.

Structural Optimisation. Strut & Tie Models. Reliability and life time performance of concrete structures. Author of more than 100 scientific publications in the aforementioned fields.

Awards: Milan Municipality Golden Medal (Ambrogino d'oro) 2006;

2006: IABSE Outstanding Paper Award (together with F. Biondini and D.M. Frangopol);

2008: "The New cable-stayed bridge over River Parma", has been selected as the Italian candidate to European Steel Bridges Awards 2008; 2008: After being selected between other works on a national scale, the project for the refurbishment of the Marchiondi Spagliardi historical building, a masterpiece of the brutalist architecture, was granted funding by the Italian Government.

Society aff.: Member of Conference Scientific Committees, Presenter of Keynotes and Invited Lectures in International Conferences. Organizer of Conference Special Sessions. Membership in Sci. & Engng Associations: ACI, IABMAS, IABSE, IALCCE, AICAP, CTE. Sci. Comm. Messina Strait Bridge (2004 – 2006 member). The Committee works brought to the tender document "Basis of Design and Expected Performance Levels for the Bridge".

Sci. Comm. new Italian Building Code (member). Res. Projects and Contracts, concerning Durability Assessment of Bridge Structures in Aggressive Environments -

Optimal Design of Cable-supported Bridges under Uncertainty - Performance Verification of a Caisson for Mobile High Water Defense Barriers (MOSE).

Business add.: Dept.of Structural Eng., Politecnico di Milano, Piazza L. da Vinci, 32 - 20133

Milano (MI), Italy

Private Office: Studio Malerba, Viale Abruzzi, 17 - 20131 Milano (MI), Italy

E-mail: malerba@stru.polimi.it www.stru.polimi.it;

Web page: http://www.stru.polimi.it/people/malerba/curriculum_eng.html

Herbert A. MANG

Professor emeritus /Vienna Univ. Technol./ 2010; National RPGE Chair Prof. /Tongji Univ., Shanghai/ 2012; Dr.h.c /Vilnius Univ. Technol./ 2009; Dr.h.c. /Univ. Mining Leoben/ 2007; Dr.h.c. /Czech Techn. Univ. Prague/ 2004; Dr.h.c. /Nat. Techn. Univ. Kiev Ukraine/ 2004; Dr.h.c. /Univ. Innsbruck/ 2003; Dr.h.c. /Cracow Univ. Technol./ 2000; Prof. /Vienna Univ. Technol./ 1983; Assoc. Prof. /Vienna Univ. Technol./ 1979; Habil. /Vienna Univ. Technol./ 1977; PhD /Texas Tech Univ. USA/ 1974; DrSc /Vienna Univ. Technol./ 1970; Dipl.-Ing. /Vienna Univ. Technol./ 1967

Specialized in: mechanics of materials and structures. Author of 7 books, 4 chapters of handbooks, and of 457 papers (193 refereed journal articles, 264 proceedings papers), editor of 15 books and of 3 special issues of journals.

Director, Institute for Mechanics of Materials and Structures (1984-2004 and 2008-2010) of Vienna University of Technology (VUT), Austria

Sci Council of Austria 2003- (Deputy Chairman 2010-) ; President, Austrian Acad. Sci (AAS) 2003-2006; Secr. Gen., AAS 1995-2003; Prorector, VUT 1994-1995; Dean, Dept. Civil. Engng, VUT 1991-1994; Director, Inst. Strength of Materials, VUT 1984-2004;

Austrian Acad. Sci (full member). Honorary Prof. Tongji Univ. Shanghai

Foreign membership: New York Acad. Sci.; US Nat. Acad. Engng (foreign assoc.); Polish Acad. Sci; Nat. Acad. Sci Ukraine; Georgian Nat. Acad. Sci; Polish Acad. Sci and Arts; Slovak Acad. Engng. Sci.; Europ. Acad. Sci and Arts; Acad. Europ. Sci., des Arts et des Lettres; German Acad. Techn. Sci (assoc. member).

Honorary membership: Hungarian Acad. Sci.; Albanian Acad. Sci.; Slovak Acad. Sci.

Foreign corr. membership: Acad. Sci. Lisbon; Brunswick Sci. Soc.; Croatian Acad. Sci. and Arts.

Awards: Cardinal Innitzer-Advancement Prize; Theodor-Körner-Advancement Prize; Advancement Prize of the City of Vienna; Prize of the Chamber of Commerce of Vienna for Techn. Sci.; Wilhelm Exner-Medal; Disting. Eng. Award of the Coll. of Engng. of Texas Tech Univ.; Austrian Cross of Honor for Sci. and Art, 1st Class; IACM Award; Internat. Prize of SAV; Great Golden Decoration for Services to the Rep. of Austria; Carl Friedrich Gauss-Medal of Brunswick Sci. Soc.; Olgierd Cecil Zienkiewicz-Medal of the Polish Assoc. for Comp. Mech; Naming of a Small Planet as “Mang”; Tsuboi Award of IASS; Johann Josef Ritter von Prechtl Medal of VUT; Golden Decoration for Services to the City of Vienna, Leonhard Euler-Medal of ECCOMAS, Commander of the National Order “Star of Romania”, Officer Cross of Merit of the Republic of Poland.

Society aff.: CEACM (president 1992-1995); ECCOMAS (president 2005-2009); GAMM (Exec. coun. - member. 1995-2000); IACM (fellow, vice president 1998-2010); ASCE (fellow), IABSE (fellow); ACI; EUROMECH; ÖIAV; Czech Soc. Mech. (honorary member); Croatian Soc. Mech. (honorary member); Polish Assoc. Comp. Mech. (honorary member).

Business add.: Institute for Mechanics of Materials and Structures, Vienna University of Technology, Karlsplatz 13, 1040 Vienna, Austria

E-mail.: herbert.mang@tuwien.ac.at

René J.H. MAQUOI

Emeritus Professor, University of Liège, Belgium

Prof.; Res. Fellowship /JSPS, Japan/ 1989; PhD /Univ. Liège/ 1973; Civil Eng. /Univ. Liège/ 1965

Specialized in: structural analysis, bridge and building design (steel structures, connections, stability, buckling, fatigue). Author of 70 papers, 10 monographs, 160 conference papers.

Awarded: Baes Award, Class of Sci., Royal Belgian Acad. 1971-1973, Gustave Magnel Award 1972-1974, Medals of Czech Acad. Sci. 1992, Belgian distinctions 1984 and 1994, Ch. Massonnet Award of ECCS 1998, Dr Hon. Causa Techn, Univ. Lisbon 2009.

Formerly member of the editorial board of several internal journals and member/chairman of national and international committees.

Consultant of SECO, President of SECOLUX.

Federico M. MAZZOLANI

Professor, Department of Structural Engineering, University of Naples “Federico II”, Italy
Prof.; Dr.h.c. /Techn. Univ. Bucarest/ 1995; Dr.h.c. /Politechn. Univ. Timisoara/ 1996; PhD
/Univ. Naples/ 1969; Civil Eng. /Univ. Naples/ 1961

Specialized in: structural analysis and design; steel and aluminium structures (connection, stability); earthquake engineering (seismic design, passive control), structural restoration (consolidation, upgrading). Author of more than 700 papers, conference proceedings and books, 49 monographs and 32 books (22 in English, 2 in Chinese).

Awarded: “Hundred Years of Aluminium” Prize – 1986; ECCS Award – 1987; ACAI Award – 1987; INARCH Award – 1987; ACAI Award – 1995; ACAI Award – 1999; Ch. Massonet Award – 2001; MASE Award – 2009.

Edit. Boards and/or reviewer: Acta Mechanica Sinica; Computer and Structures; Construction Métallique; Costruzioni Metalliche; Engng Structures; Engng Structures and Technologies; J. Constructional Steel Res.; Materials and Design; Materials and Structures; Pollack Periodica; Progress in Structural Engng; Structural Engng Int.; J. Vibration and Control.

Exam. Boards for PhD and MSc Degrees. STESSA Conference (chairman). Master in Design of Steel (chairman). PROHITECH Conference (chairman). COST C26 Action (chairman). Society aff.: Europ. Convention Construct. Steelwork – ECCS (TC 2-chairman; TC 13-chairman; TWG 2/2-chairman; TWG 2/4-member); ISO (TC167-member); RILEM; Council on Tall Building and Urban Habitat; IABSE; UNESCO; Comité Europ. Normalisation – CEN (TC250/SC3 – leader Italian delegation; TC250/SC4 – leader Italian delegation; TC250/SC9 – chairman); AICPS; ESDEP; IAESE; CSA; Royal Acad. Engineer Spain; Italian organizations (UNI, UNIMET, CNR, ANIDIS, ASSIRCO, CTA).

Business add.: DIST, Engineering Faculty, P.le Tecchio 80, 80125 Naples, Italy

Sadanari MOCHIZUKI

Professor, Director, International Center, Tokyo University of Agriculture and Technology, Japan

Dr.h.c. /Techn. Univ. Timisoara/ 2006; Dr. /Univ. Tokyo, Japan/ 1971

Specialized in: mechanical systems engineering, fluid dynamics, heat transfer, thermal science and engineering, transport phenomena. Author of 6 books and 202 refereed papers.

Visiting Professor, Technical University of Munich, 1982. Visiting Professor, University of Michigan, 1982. Invited lectures at various universities, institutions and conferences in US,

France, Czech Rep., Korea, Saudi Arabia, Turkey, Romania, Philippines, etc. President of PCTFE, Editor-in-Chief of Int. Journals (JFVIP and IJRM), President of HTSJ (2006-2007).

Awarded: The Best Paper Award, 2002; JSME, The Best Paper Award, 1993; JSRAE, The Medal of Fac. Mech. Engng, Czech Techn. Univ. 2005; Award for Int. Activities, JSME Thermal Engng. Div., 2007.

Society aff. JSME (fellow), ASME, HTSJ

Business add.: Department of Mechanical Systems Engineering, Faculty of Engineering, Tokyo University of A&T, Koganei, Tokyo 184-8588, Japan

E-mail: motizuki@cc.tuat.ac.jp

Björn O. NILSSON

Professor, President, Royal Swedish Academy of Engineering Sciences (IVA)
Doctorate degree in biochemistry from the Royal Institute of Technology (KTH) in Stockholm.

Society aff.: Prof. Nilsson served in a number of management roles in the Swedish biochemical industry, mainly in the Pharmacia group of companies – serving as CEO and President of Karo Bio, a leading public biotechnology company, and Senior Vice-President of Biovitrum and Biacore respectively. He was also recently Chairman of the Swedish Biotechnology Industry Organization (SwedishBIO) for a three-year term.

Prof. Nilsson is also member of a number of governmental and nongovernmental committees in the fields of science, education and innovation.

Business add.: Royal Swedish Academy of Engineering Science, IVA
Box 5073

SE-102 Stockholm, Sweden

E-mail: bjorn.o.nilsson@iva.se

Web page: <http://www.iva.se>

Jun-ichi NISHIZAWA

Executive Adviser, The Engineering Academy of Japan

Dr.h.c. /Novosibirsk State Univ., Russia/1996; Dr.h.c. /Humboldt Univ., Berlin/1989; Doctor of Engineering /Tohoku Univ., Japan /1960

Specialized in: electronics and electrical engineering. Author of over 300 contributions in journals and proceedings.

Society aff.: Japan Acad.(member); Russian Acad. Sci. (foreign member); Polish Acad. Sci. (foreign member); Korean Acad. Sci. and Technology (honorary foreign member); Acad. Engng Serbia and Monte Negro (foreign member); IEE (fellow); IEEE (fellow); ECS (fellow).

Awarded: Japan Academy Prize; Jack A. Morton Award from IEEE; IEEE Edison Medal (Jun-ichi NISHIZAWA Medal IEEE was honored for his outstanding achievement in material science and technology, fiber optics, optical communications, and other areas.)

Web page: <http://www.eaj.or.jp>

Arne NOVAK

Retired

Formerly Professor, Head of the Division of Production Engineering, University of Linköping, Sweden

Assoc. Prof. /Royal Inst. Technology Stockholm/ 1979; PhD /Royal Inst. Technology Stockholm/ 1976; Licentiate in Manufact. Engng /Royal Inst. Technology Stockholm/ 1972; Ing. Electrotechn. Engng /Czech Techn. Univ. Prague/ 1967; Ing. Mechanical. Engng /Czech Techn. Univ. Prague/ 1962

Specialized in: automation of manufact. systems and integration of manufact. process including CAD/CAM, machine tool control and post-process quality monitoring. Author of number publications, patents and conference participation.

Awarded: Award Swedish - American Foundation Scholarship.

Swedish Res. Steering Comm. (member); CIRP - Int. Inst. Production Engng Res., Paris (member).

Society aff.: SME - Soc. Manufact. Engrs, USA (senior member); New York Acad. Sci. (member); Swedish Inventors Assoc. (member).

Business add.: University of Linköping, S-581 83 Linköping, Sweden

E-mail: arnno@ikp.liu.se

George NOVAK

Owner of George Novak Company (GNCO), a construction management firm

Honorary Consul General of CR, Atlanta, Georgia, USA

Ing. /Techn. Univ. Brno/ 1956

Specialized in: program management, construction management. Co-author “Handbuch USA
Geschäft”, a Gabler publication

Membership: AIA Nat. comm. forming the National Building Code; Czechoslovak Soc. Arts
and Scis (SVU); American Inst. Architects

Add.: GNCO, 2611 Orchard Knob Drive, SE, Atlanta, Georgia, 30339, USA

E- mail: georgegnco@mindspring.com

Jacques RONDAL

Professor, Institute of Civil Engineering, University of Liège, Belgium

Dr.h.c. /Politechn. Univ. Timisoara/ 1994; PhD /Univ. Liège / 1984; Eng. /Univ. Liège / 1969

Specialized in: steel construction, metal construction, optimum design, stability. Author of 5 books and more than 150 papers in int. journals or conference proceedings.

Edit. Board J. Thin-Walled Structures (Elsevier); Exam. Boards for PhD and MSc. Degrees; Sci. Board, Civil Engng Comm., Belgian Foud. Sci. Res. (member).

Awarded: Gustave Magnel Award 1984; De Waele Award, Nat. Foundation Sci. Res. 1988;

Bekaert Award, Nat. Foundation Sci. Res. 1992; Honorary Medal, Czech Acad. Sci. 1994;

Civil Medal of First Class of the Kingdom of Belgium ; Officer of Leopold II of Belgium;

Commander of the Crown of Belgium

Society aff.: Europ. Convention Construct. Steelwork (member); Int. Assoc. Bridges and Struct. Engng (member); Struct. Stability Res. Council of North America (member at Large);

Assoc. Francaise pour la Promotion de la Construction Mécanique (member).

Business add.: University of Liège, Institute of Civil Engineering, Chemin des Chevreuils 1, Bld. B52/3, 4000 Liège 1, Belgium

Rolf SENNEWALD

Managing director and owner of the civil engineering office “Förster + Sennewald”, partner of the partner companies SSP (Sennewald + Steger partner-company / validating engineers) and SRP (Sennewald + Räscher partner-company / qualified experts) Munich, Germany

Visit. Prof. /Czech Techn. Univ. Prague/ 2009; Dipl. Ing./Techn. Univ. Munich/1970

Specialized in: publicly certified and qualified expert for civil engineering, certified validating engineer for structural safety of concrete, steel and timber structures, expert for statics of structures and for development of software for structural analysis. Author of 25 contributions in journals, 35 conference papers, 1 book.

Awarded: Medal of Honour of the Bavarian Chamber of Engineers-Civil.

Society aff.: The Bavarian Chamber of Engineers-Civil (founding member, vice president 1991-2003), Comm. Civil Engineers/Chamber of Industry and Commerce Munich (chairman), Board of the Bavarian Engineers Pension Ass. (chairman), member of several German engineering associations (VDI, VBI, VPI, VSVI, BVS).

Business address: Engineering office Sennewald, Paul-Gerhardt-Allee 52, 81245 Munich, Germany

E-mail: rs@fsmuc.com

Web page: <http://www.fsmuc.com>

Vijay P. SINGH

Distinguished Professor and Caroline and William N. Lehrer Distinguished Chair in Water Engineering, Department of Biological & Agricultural Engineering & Zachry Department of Civil Engineering, Texas A & M University, USA

DrSc. /Univ. Witwatersrand, Johannesburg, South Africa/ 1998; PhD /Colorado State Univ., Fort Collins, Colorado, USA/ 1974; M.S. /Univ. Guelph, Guelph, Ontario, Canada/ 1970; B.S. & Tech/U.P. Agricultural Univ., Pantnagar, Nainital, U.P., India/ 1967

Specialized in: surface-water hydrology, groundwater hydrology, hydraulics, irrigation engineering, environmental quality and water resources. Author of 22 textbooks, 2 solutions manual, 80 book chapters, 22 book reviews, 703 jour. articles, 300 conference proceedings papers and 70 technical publications and reports. Editor of 54 references books.

Society aff.: Georgia Fazisi Acad. (academician); Russian Acad. Water Management (member); Georgian Acad. Sci. (fellow); Mexican Acad. Engng (member); Mexican Acad. Sci., Mexico (member); Russian Acad. Ecological Sci. (member); Polish Acad. Sci. (member); Portuguese Acad. Engng (Member); Fellow, Nat.l Acad. Agricultural Scis.

Fellow: American Soc. Civil Engrs; Env. & Water Resources Institute, ASCE; American Water Resources Assoc. (AWRA); Indian Assoc. Hydrologists; Institution Engrs (India); Indian Water Resources Soc.; Indian Soc. Agricultural Engrs.; Indian Assoc. Soil and Water Conservationists; Hon. Member, AWRA. Membership: American Geophysical Union; Int. Assoc. Hydraulic Res.; Int. Assoc. Hydrological Sci.; US Comm.; Int. Comm. Irrigation and Drainage; World Sedimentation Engng Assoc.; Assoc. Global Groundwater Scientists; Sigma Xi; Colorado State Univ. Alumni Assoc.; Univ. Guelph Alumni Assoc.

Business add.: Department of Biological and Agricultural Engineering, Texas A & M University; College Station, Texas 77803-2117, USA

E-mail: vsingh@tamu.edu

Erich SPITZ

Adviser to THALES, chairman of the Advisory Board of VALEO, member of the Scientific Board of Electricite de France (EDF) Chairman of the Council of Ecole Supérieur d'Ingénieurs Leonardo de Vinci, Paris

Dr.h.c. /Czech Techn. Univ. Prague/, EPFL (Lausanne), Ing. /Czech Techn. Univ. Prague/ 1954

Former vice president of Research and Technology of THOMSON (France), former president of NOVALED, THALES AVIONICS LCD, RIBER, former president of EIRMA (Eur. Indust. Res. Management Assoc.) 90 patents in the field of electronics and optics. Pioneering work in antennas, holographic memories, coherent light propagation in fibers, optical recording on discs.

Membership: French Acad. Technologies, Swedish Engng Academy, Swiss Engng Academy, French Acad. Sci. (corresponding member). Fellow of the IEEE (USA) and SEE (France).

Business add: THALES , RD 128, 91767 Palaiseau Cedex, France

Home: 87 Boulevard de Port-Royal, 75013 Paris, France

E-mail : eespitz@aol.com

Michael STERLING

Vice-Chancellor & Principal and Professor at the University of Birmingham, UK
and

Emeritus Professor, Brunel University

Hon DEng /Brunel Univ./ 2008; Hon Doc. /Univ. West Bohemia/ 2001; Hon Doc. /Univ. Tashkent, Uzbekistan/ 1999; Hon DEng. /Univ. Sheffield/ 1995; DEng. /Univ. Sheffield/ 1988; PhD /Univ. Sheffield/ 1971; BEng. /Univ. Sheffield/ 1968

Specialised in: computer control of electrical power systems, water network modelling and online control, process automation. Several books and numerous publications in international journals and conferences. International sales of power system control software.

Awarded: Institution of Electrical Engineers Hartree Premium 1985; Institution of Measurement & Control ICI Prize 1980

Current Board memberships: UK Prime Minister's Council for Science & Technology, Royal Acad. Engng Council, Regional Development Agency (AWM), STEMNET, U21 Ltd, U21 Equity Ltd, U21 Pedagogica Ltd, OCEPS Ltd (Chairman), Regional ICT Steering Group (Chairman), Regional Innovation & Technology Council.

Society aff. : Fellow of Royal Academy of Engineering, UK; Honorary Fellow of Institution of Engineering & Technology 2006; Honorary Fellow of Institute of Measurement and Control 2003; Fellow of Institution of Electrical Engineers, UK; Companion of the Chartered Management Institute; Freeman of City of London; Liveryman Worshipful Company of Engineers.

Business add: University of Birmingham, Edgbaston, Birmingham B15 2TT, England

Greg TEGART

Adjunct Professor, Centre for Strategic Economic Studies, Victoria University of Technology, Melbourne, Australia

PhD /Univ. Sheffield/ 1959; MSc. /Univ. Melbourne/ 1955; BSc. /Univ. Melbourne/ 1952

Specialized in: materials science, metallurgy (creep, hot working), research and technology policy, converging technologies, technology and society

Author of 3 books, numerous major reports and over 200 papers and articles.

Awarded: Order of Australia 1992.

Australian Sci. and Technol. Council (secretary 1987-1993); Dept. Sci. and Technol.

(secretary 1981-1987); Commonwealth Sci. and Indust. Res. Organization (Executive-member 1979-1981).

Society aff.: Australian Acad. Technol. Sci. and Engng (fellow); Royal Swedish Acad. Engng Sci. (foreign member); Institution Engrs Australia (fellow).

Alexander TESÁR

Head Scientific Worker, Institute of Construction and Architecture, Slovak Academy of Sciences, Bratislava, Slovak Republic
and

Head, Tesar & Partner Engineers, Bratislava, Slovak Republic

Assoc. Prof. /Univ. Žilina, Slovakia/ 2004; Visiting Prof. /Univ. Žilina, Slovakia /2002;
Complex Authorized Engineer /Slovak Chamber Civil Engrs/ 2001; DrSc. /Czechosl. Acad. Sci./ 1982; PhD /Czechosl. Acad. Sci./ 1974; Ing. /Slovak Techn. Univ. Bratislava/ 1971

Specialized in: thinwalled structures, dynamics of structures, stability problems of non-linear systems; identification of stochastic systems; interaction between fluid flow and vibrations of rigid bodies, bridges, mechanics, structural engineering, numerical mechanics.

Author of over 260 contributions in journals and proceedings and of 10 scientific books.

Sci. Boards: Slovak Techn. Univ. Bratislava (member); Techn. Univ. Žilina (member);

Building Res. Jour. (Editor), DrSc-Comm., Slovak Acad. Sci. (chairman); PhD-Comm., Slovak Ministry of Education (member).

Awarded: Silver Medal Univ. Žilina, Medal Univ. Košice, Golden Medal of Aurel Stodola, Slovak Academy of Sci.

Business add.: Slovak Academy of Sciences, Institute of Construction and Architecture, Dúbravská cesta 9, 845 03 Bratislava 45, Slovak Republic

E-mail: usarate@savba.sk; atesar@pobox.sk; alexander.tesar@gmail.com

Dietmar THEIS

Physicist, Department Head at Siemens Corporate Technology, Consultant

Prof. /Techn. Univ. München, Germany/; Prof. Dr.- Ing.

Specialized in solid state physics, optoelectronics, display technologies, R&D management incl. University liaison, public R&D funding and R&D marketing communication. More than 60 papers in the field of optoelectronics, power semiconductors, R&D management and industrial foresight analysis, various encyclopedic chapter contributions on display technology, publisher of Siemens' R&D magazine "Pictures of the Future"

Society aff.: Memberships: German Physical Soc., Soc. Information Display, several engineering associations in Germany (ZVEI, VDE, Feldafinger Kreis)

Business address: Siemens AG, Corporate Technology SM CM, 81730 München, Germany

E-mail : dietmar.theis@siemens.com

Web page: <http://w4.siemens.de/ct/en/home/index.html>

Jaromir J. ULBRECHT

President, OFI Technology Services, USA

Prof. /Univ. Salford, Manchester, United Kingdom/ 1969; Assoc. Prof. /Inst. Chem. Technol. Prague/ 1966; PhD 1957; Ing. /Czech Techn. Univ. Prague/ 1952

Specialized in: research in engineering rheology and multiphase fluid mechanics, R&D management, technology transfer and commercialization. Author and co-author of 3 books, about 110 papers in reviewed archival journals.

Since 1954 top research positions at Synthetic Rubber Res. Inst. in Zlín, Czech Republic; Inst. Chem. Process Fundamentals Prague, Czech Acad. Sci. Prof. at Univ. Salford, Manchester, England; State Univ. of New York at Buffalo, USA. Dept. Commerce in Washington, D.C., Techn. Programs at NITS/U.S, USA.(director).

Society aff.: American Inst. Chem. Engng (fellow); Sigma Xi Res. Soc. (member); Czech Soc. Chem. Engng (honorary member).

Business add.: 2407 McCormick Rd., Rockville, MD 20850, USA

Karl-Heinz WINTER

Civil Engineer and managing director. Owner of multiple Civil Engineers Centers of the HTG Group Dr. Winter, Germany. Headquarter in Schwerin. Branches in Berlin, Dresden, Hamburg, Wismar, Schwerin, Greifswald, Wandlitz. Shareholders of a Chinese - German joint venture

Lecturer at some German universities and colleges

Dr. Civil Engng. /Czech.Techn. Univ. Prague/ 2008; Consult. Eng. /Univ. Dresden/ 1986; Civil Eng. /Univ. Dresden/, 1978

Specialized in: railway and traffic construction. Author of multiple publications in German sci. journals, e. g. Der Eisenbahningenieur. Owner of multiple registered patents.

Memberships: Assoc. Consult. Engrs (VBI), Assoc. German Railway Engrs (VDEI), Assoc. Road Const. and Traffic Engrs (VSVI), German Assoc. Water, Wastewater and Waste (DWA). The Chamber of Engineers, Business assoc. northern Germany (UV)

Business add.: HTG Ingenieurbüro für Bauwesen GmbH, Wismarsche Str.178 19053 Schwerin

E-mail: Winter@htg-net.de

Web page: <http://www.htg-net.de>

Hiroyuki YOSHIKAWA

President, National Institute of Advanced Industrial Science and Technology, Japan
NTNU 2001; Hon.Dr. /Univ. Birmingham/ 1999; Hon.Dr. /Univ. Strathclyde/ 1996;
Hon.Dr. /Univ. Twente/1996, Dr.Eng.: Univ.Tokyo/1963

Specialized in: manufacturing technology, grinding mechanism, general design theory,
reliability and maintenance theory. Author of 50 research papers, 11 books (Japanese) and
editor of 5 IFIP proceedings.

President of University of Tokyo (1993-97), President of ICSU (1999-2002)

Boards: Univ. Tokyo, Univ. Tohoku, STS Forum. Academies: Sci. Council of Japan (Hon.
member), Royal AE UK (member), Royal Swedish Acad. Sci. (member), Royal Swedish AE
(member)

Society ff.: Isotope Assoc. (president), Japan Foundation of UNU (president), Sci. and
Technology Foundation of Japan (president)

Awards: IFIP Silver Core Medal (1991), Education Award SME (1995), Hasunuma
Memorial Award JSPE (1995), 13th Japan Prize, Legion d'Honneur Officie (2000),
Royal Order of Merit Norway (2003)

Business add.: National Institute of Advanced Industrial Science and Technology,
1-3-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 Japan

E-mail: yoshikawa@mb.rosenet.ne.jp

Terry A. YOUNG

Manager of Intellectual Property, Texas Transportation Institute, The Texas A&M University System
and

Principal, International Technology Transfer, Inc., USA

M.B.A. /Texas A&M University/ 1983; M.A. /Texas A&M University/ 1978; B.A./Lubbock Christian College/1976

Specialized in: international public policy, management of innovation, intellectual property, technology transfer, entrepreneurship and SMEs, economic development. Author of more than 30 publications and professional presentations.

Awarded: IPR Man of the Year Award, Nigeria (2004); The Distinguished Alumni Award, Lubbock Christian University.

Edit. Board, J. Applied Biotechnology; American Assoc. Advancement Sci. (consultant);

Board of Advisors, Public Interest Intellectual Property Inst.; Senior Assoc., Int. Centre for the Management of IP in Health R&D; Int. Advisory Board, Intellectual Property Assoc. of Japan; AUTM - Assoc. Univ. Technology Managers (past president 2001-2002); Nat.

Advisory Council, Federal Laboratory Consortium (FLC); Comm. Technology

Commercialization, NASULGC - Nat. Assoc. State Universities and Land Grant Colleges

(chairman); Board of Advisors, Houston Technology Center; AUTM (president - Elect 2000); AUTM (vice - president for External Relations 1999).

Society aff.: Assoc. Univ. Technology Managers; Texas Technology Transfer Assoc.;

Technology Transfer Soc.; Licensing Executives Soc.; Soc. Res. Administrators; Nat. Council Univ. Res. Administrators.

Business add: Texas Transportation Institute, The Texas A&M University System, College Station, Texas 77843-3135