

List of Members 2013 - 2015

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Prof. Ing. Karel POSPÍŠIL, CSc.
Doc. Ing. Vojtěch PRAŽMA, CSc.
Doc. Ing. Josef PRŮŠA, CSc.
Prof. Ing. Jaromír PŘÍHODA, CSc.
Prof. Ing. Josef PSUTKA, CSc.
Prof. Ing. Jaroslav PURMENSKÝ, DrSc.
Prof. Ing. Karel RAIS, CSc., MBA
Prof. Ing. Eduard ROHAN, DrSc.
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Prof. Ing. Ladislav RUS, DrSc.
Ing. Martin RUŠČÁK, CSc., MBA
Prof. Ing. Milan RŮŽIČKA, CSc.
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Ing. Jan RÝDL
Ing. Martin ŘÍMAN, Bc.
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Ing. Robert VÍCH, DrSc.
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Prof. Ing. Jan VÍTEK, CSc.
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Prof. Ing. Jaromír VOLF, DrSc.
Doc. Ing. Jiri VOLF, CSc.
Prof. Ing. Ivo Vondrák, CSc.
Prof. Ing. Zdeněk VOSTRACKÝ, DrSc.
Prof. RNDr. Ing. Jan VRBKA, DrSc.
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Ing. Petr WILHELM
Ing. Jiří WINKLER, CSc.
Prof. Ing. Rudolf ZAHRADNÍK, DrSc.
Ing. Jiří ZÁWORKA, DrSc.
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Ing. František ZÝKA, CSc.

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Sadanari MOCHIZUKI
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Arne NOVAK
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Vijay P. SINGH
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Michael STERLING
Greg TEGART
Alexander TESÁR
Dietmar THEIS
Paul J. TIKALSKÝ
Jaromir J. ULBRECHT
Hiroyuki YOSHIKAWA
Terry A. YOUNG

Deceased Members

Steven N. ANASTASION
Prof. Ing. Ctirad KRATOCHVÍL, DrSc.
Prof. Ing. Karel ŠTULÍK, DrSc.

President of EACR

Miroslav VÁCLAVÍK

Elected 2000

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

Chairman, Department of Technical Mechanics, Technical University Liberec, Czech Republic
Prof. /Techn. Univ. Liberec/ 2000; PhD /Czech Techn. Univ. Prague/ 1972; Ing. /Techn. Univ.
Liberec/ 1966

Born 1943

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).

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Vice-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

Born 1941

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, UJV Řež (chairman); Sci.

Council, Fac. Mech. Eng. Czech Techn. Univ. Prague (member); FME UT Brno (member);

Univ. West Bohemia Plzeň (member); Res. Council, Technolog. Agency of the Czech Republic (member).

Czech Soc. New Materials and Technologies (vice-president);

Society aff.: Assoc. Mech. Engng (member), Soc. Sci. and Art USA (member); Engng Acad.

Japan (associate member), Russian Acad. Engng (foreign member);

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Vice - President of EACR
Aleš JOHN

Elected 1999

Independent expert nuclear energy and safety

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

Born 1950

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.

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Vice - President of EACR
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

Born 1948

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.,
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Chairman of the Control Committee

Miroslav JANEČEK

Elected 2012

Private consultant

Former Assoc. Prof. /Univ. Pardubice, Czech Rep./; PhD; Ing.

Born 1945

Specialized in: chemistry, organic technology, R&D management and policy making.

Author and co-author of more than 30 authorial certificates and improvement suggestions.

More than 20 years in the industrial and managerial sectors (i.e. Res. Inst. Organic Chemistry

CEO). Private consultant, lecturer and advisor in sector R&D and innovation. Technology

Agency of the CR (deputy chairman); Assoc. Res. Organizations (former president); Activities

for Res.Organizations (director). Independent Expert Group for res. programme Eurostars -

common activity of Eureka and European Commission (former chairman).

Business add.: Technology Agency of the CR, Evropská 2589/33b 160 00 Praha 6

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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

Born 1930

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

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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. /Inst. Metallurgy Moscow, Russia/ 1962

Born 1937

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.

Sci. Board, Metrology Inst. (member).

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

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Karel AIM

Elected 2002

Senior Scientist, Institute of Chemical Process Fundamentals, Academy of Sciences of the Czech Republic

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

Born 1947

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 international journals and proceedings, 5 monographs or book chapters, and 120 international conference contributions. Res. Fellow: Techn. Univ. Denmark, Lyngby (1981-82); Univ. Trieste (9 months 1989-94).

Sci. Boards: Inst. Chemical Process Fundamentals (chairman); Acad. Council, Czech Acad. Sci. (member 1997-2005, 2009-, Presidium-member 2001-05); Sci. Council, Czech Acad. Sci. (member 2005-09); Board of Governors, Joint Res. Centre, Europ. Comm. (member 1999-); Steering Comm., ESAT (member 2000-); Council Sci. Information, Czech Acad. Sci. (chairman 1997-2005, member 2005); Work. Group on Technology Foresight, IPTS JRC.

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

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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

Born 1932

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

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Jiří BALÍK

Elected 2012

Rector, Czech University of Agriculture 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

Born 1953

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 Scis (Board member); Danube Rectors Conference (president); Assoc. Europ. Life Sci. Univs (Board member); Central and South Eastern Europe Board 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, Technical Univ. Zvolen.

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Jan BALTUS

Elected 2008

Editor in chief, Technology weekly (Technický týdeník) magazine, Prague, Czech Republic
Mgr. /Masaryk's Univ. Brno/; postgrad. study /Mendel Agriculture and Forestry Univ. Brno/.
Born 1944

Specialized in: systems of R&D and power generation systems and energy distribution.

Working as editor in chief since 1992, co-operation with British, Russian and German media.
Society aff.: Czech Scientist Press Club (honoured president); EU scientific Press Ass.
(member).

Business add.: Business Media CZ, Nádražní 32, Prague, Czech Republic

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Web page: [http:// www.techtyd.cz](http://www.techtyd.cz).

Jiří BĚLOHLAV

Elected 2008

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

Ing. /Czech Techn. Univ. Prague/

Born 1950

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.)

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Petr BÍLEK

Elected 2001

Head architect and owner of the architectural office - Bilek Associates/ 1994 – enduring / Bilek Associates, Inc. in CA, USA /1986 – 1996/

Prof. /Univ. California, Davis, CA, USA/ 1986; Arch. postgrad. study /Czech Tech. Univ.

Prague/ 1982; Ing. arch./Czech Tech Univ. Prague/ 1971

Born 1946

Specialized in: provides complete project design, including interior design and urban design in all phases of project documentation for various kind of buildings (e.g. governmental, residential, administrative etc.).

Professional Arch. Licenses: Czech Chamber of Architects and USA - California

Awarded: Gold Medal for the Rec. and Add., Nat. Theatre Prague; Presidential Medal NCARB - USA.

Society aff : Czech Chamber Arch. (president, 1998-2002); American Institute of Architects AIA-European Chapter, UIA-Profess. Practice Commis., ACE-Arch. Council of Europe; Czech-Israel Commerc. Chamber; / CISOK/, American Chamber of Commerc. /AMCHAM/, IOOF, LIONS/.

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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

Born 1943

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

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E-mail: bittnar@fsv.cvut.cz

Vladimír BREJCHA

Elected 2005

Entrepreneur, Director, SMP CZ a.s.

Ing. /Czech Tech. Univ. Prague/ 1968

Born 1945

Specialized in: bridge 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 realization in the Czech Republic 1977)

Society aff.: Czech Institution of Civil Engs (member); Czech Concrete Soc. (member); IABSE (member); Economic Chamber and Sci. Council, Fac. Civil Engng, Czech Techn. Univ. (member).

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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

Born: 1946

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,
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and

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

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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

Born 1943

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

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Vladimír ČERVENKA

Elected 2001

Director, Cervenka Consulting in Prague

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

Born 1941

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

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Armin DELONG

Founding member

Scientist, Delong Instruments Ltd., DI Research laboratory, Brno

DrSc.h.c. /Techn. Univ. Bratislava/ 1997; Prof. /Techn. Univ. Brno/ 1979; DrSc. /Charles Univ. Prague/ 1970; PhD /Military Techn. Acad. Brno/ 1957; Ing. /Techn. Univ. Brno/ 1950

Born 1925

Specialized in: electron optics and physics of electron microscopy. Author of 120 papers, 2 monographs, 50 conference papers. Tutor of advanced studies in Physics.

Society aff.: Czechoslovak Soc. Electron Microscopy (board member); Czech biological Soc. (member); Czech Soc. Sci. Parks (member).

Business add.: Delong instruments Ltd., Bulharská 48, 61200 Brno, Czech Republic

Jaroslav DOLEŽAL

Elected 2005

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

Born 1946

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)

Society aff.: American Chamber of Commerce in Czech Republic (board member)

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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

Born 1949

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).

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Jiří DRAHOŠ

Elected 2001

President, Academy of Sciences of the Czech Republic

Dr.h.c. /Slovak Tech. Univ. Bratislava/ 2006; Prof. /Inst. Chem. Technol. Prague/ 2003; DrSc.

/Inst. Chem. Technol. Prague/ 1999; Assoc. Prof. /Inst. Chem. Technol. Prague/ 1994; PhD

/Czechosl. Acad. Sci./ 1977; Ing. /Inst. Chem. Technol. Prague/ 1972

Born 1949

Specialized in: chemical engineering, multiphase chemical reactors. Author and co-author of 75 papers in int. journals and proceedings, 8 chapters in monographs, 10 Czech and 10 int. patents, over 800 citations according to SCI, H-index=16 .

Awards: Fellow of the Learned Society CR (2009); Votoček medal, Inst. Chem. Technol. Prague (2007); Honorary member of IChemE UK (2005); Czechoslovak Acad. Sci. Prize (1983); A.v. Humboldt Fellow.

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

Engng, Inst. Chem. Technol. Prague (member); Fac. Mech. Engng, Tech. Univ. Brno (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); Czech Chem. Soc. (member);

American Chem. Soc. (member); ChERD journal (subject editor).

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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

Born 1945

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

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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

Born 1958

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).

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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).

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Roman DVOŘÁK

Elected 2009

General Director, 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

Born 1972

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: Vogel Industrie Medien titel's Group (member), Risk management Comm.

(member), Reviewing Comm. Gold Medal (Int. Engng Fair Brno), Programme Council of the Competence Centres (Technology Agency of the Czech Republic)

Business add: MM publishing, Ltd. Přípotoční 1519/10A, 101 00 Prag 10, Czech Republic

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Radim FARANA

Elected 2009

Professor, Faculty of Mechanical Engineering, Technical University Ostrava, Czech Republic and

Professor, Faculty of Mechatronics and Machine Building, Kielce University of Technology, Poland

Senior researcher, IT4Innovations, Institute for Research and Applications of Fuzzy Modeling, University of Ostrava, Czech Republic

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

Born 1965

Specialized in: control and information systems, databases, quality management systems and total quality management systems application. Author and co-author of 1 monograph, 2 books, 24 university textbooks, 48 articles in journals, more than 180 conference papers and 70 research reports.

Membership of Sci. Boards: Techn. Univ. Ostrava; Fac. Mech. Engng, Techn. Univ. Ostrava; Fac. Mech. Engng, Techn. Univ. Brno; Fac Mechatr. Mach. Build., Tech. Univ. Kielce, Poland; Fac. Mech. Engng, Tech. Univ. Bratislava, Slovakia; Univ. Defence Brno; Fac. Mech. Engng, Techn. Univ. Košice, Slovakia; Fac Apl. Inf. UTB Zlín.

Boards for PhD. Degree (member): Fac. Mech. Engng. VSB-TUO, Fac. Appl. Inf. T. Bata Univ. Zlín, Fac. Nat Scie. Uni. Ostrava.

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

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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
Born 1940

Specialized in: crystallography, X-ray diffraction, materials sci. and engng. Author of 4 books and 80 papers in journals and chapters in books, over 400 other publications. Editor of 1 sci. journal. Advisory Boards: Fac. Appl. Sci. and Fac Engng, Univ. West Bohemia Plzeň (member); Fac. Metallurgy and Materials Engng, Techn. Univ. Ostrava (member).

Society aff.: Int. Center Diffract. Data, Pennsylvania; Czech and Slovak Crystallographic Assoc. (vice-chairman); Metal Sci. Soc. Czech Republic (chairman of the West Bohemia branch); Czech. Soc. Nondestructive Testing (board member).

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

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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

Born 1947

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)

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Ondřej FISCHER

Elected 1996

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

Prof. /Czech Tech. Univ. Prague/ 1992; DrSc. /Czechoslovak Acad. Sci./ 1988; Ph.D. /Czech Tech. Univ. Prague/ 1958; Ing. /Czech Tech. Univ. Prague/ 1953

Born 1929

Specialized in: dynamics of civil engng structures, wind engng, earthquake engng; forensic specialist for dynamics and damages of structures. Author of about 200 papers (books, technical journals, conf. proceedings).

Society aff.: Czech Soc. Mechanics - Groups Earthquake Engng and Wind Engng (member); Europ. Assoc. Earthquake Engng (national representative 1981-2002); Anti-Seismic Systems Intern. Soc. (founding member); Permanent Comm. for National Building Codes (member); Czech Assoc. Civil Engrs (member).

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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

Born 1953

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).

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Ladislav FRÝBA

Elected 1995

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

Dr.h.c. /Univ. Pardubice/ 2004; Prof. /Czech Tech. Univ. Prague/ 1993; Assoc. Prof. /Czech Tech. Univ. Prague/ 1964; DrSc. /Czech Tech. Univ. Prague/ 1959; Ing. /Czech Tech. Univ. Prague/ 1953

Born 1929

Specialized in: structural dynamics, especially structures serving to transport. Author of 226 papers, 6 monographs, co-author of 6 books, 82 reports.

Sci. Council, Inst. Theoretical and. Appl. Mechanics (chairman 1990-1993, 1996-1997); Exam. Board for Ing. Degree, Univ. Žilina, Slovakia (chairman 1991-2002); Grant Agency, Czech Acad. Sci. (section chairman, 1996-1997); Comm. Experts, Off. Res. and Experiments, Int. Union Railways (chairman 1967-1979); Comm. Experts, Europ. Rail Res. Inst. (chairman 1991-2001); Sci. Council, Transport Fac., Techn. Univ. Pardubice (member 1994-2010); Edit. Board, J. Sound and Vibration and (2001-2010), Interaction and Multiscale Mechanics (member); Res. Board of Advisors, Amer. Biographical Inst., USA 2001 (member). Holder of 6 honorable medals in Czech Rep. and Japan; Who is Who in Engng, USA 1991; 2000 Outstanding Scientists of the 21-st Century, Int. Biographical Centre, Cambridge, UK 2001; Who is Who - Personalities of the Czech Contemporary, Prague 2002, 2005, Marquis Who' is Who in Science and Engineering, USA, 2006-2007, Dictionary of International Biography, Cambridge, UK, 2007. Society aff.: Czech Soc. Mechanics (president 1994 - 2010); Europ. Assoc. Struct. Dynamics EASD (president 1996-1999).

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Miloslav HADRAVA

Elected 2010

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

Ing./Czech Techn.Univ.Prague/1981

Born 1957

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)

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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

Born 1952

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

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Václav HAVLÍČEK

Elected 2006, reelected 2010

Rector. Czech Technical University in Prague, Czech Republic

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

Born 1943

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)

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Petr HLADÍK

Elected 2013

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

Ph.D. /University of Guelph, ON, Canada/ 2005; Ing. /Czech University of Life Sciences in Prague/ 1997

Born 1972

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

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Milan HOLL

Elected 2001

Director General, Aeronautical Research and Test Institute plc Prague

PhD /Czech Tech. Univ. Prague/ 1977; Ing. /Czech Tech. Univ. Prague/ 1967

Born 1943

Specialized in: research in fracture mechanics, strength of turboprop engines and their parts, metal and composite-made propellers, reliability of power units, managing R&D teams. Author of 18 research reports, 23 technical reports, 8 articles in domestic and 4 in int. journals, 8 int. conference papers.

Society aff.: Czech Sci. and Techn. Soc. (member); Assoc. Aircraft Manufactures Czech Rep. (president); Sci. Advisory Board, Fac. Mech. Engng, Czech Techn. Univ. Prague (member); Advisory Group, Aerospace R&D - AGARD (nat. coordinator); NATO Indust. Advisory Group - NIAG (nat. coordinator); Board of Directors, Europ. Assoc. Aerospace Industries - AECMA (member); Int. Assoc. Aerospace Engines ISABE (member); Int. Council, Aerospace Sci. ICAS (member). Jour. Edit. Boards: Czech Aerospace Proceedings (chairman); Aeromedia Supervisory Board, Czech Jour. Letectví a kosmonautika (member).

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Jiří HOLOUBEK

Elected 2008

Executive Director and Chairman of the Board of Directors, ELCOM, Inc.

Ing./Techn. Univ. Brno/1979

Born 1955

Specialized in: electromagnetic compatibility in power systems, power quality in supply networks and industrial systems. Author or co-author of 48 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: Czech and Moravian Electrical and Electronic Association (member of board), Who is Who.

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Jaromír HORÁK

Elected 2004

Vice Rector, Senior Lecturer, University of West Bohemia in Plzeň, Czech Republic
Assoc. Prof.; PhD /Univ. West Bohemia Plzeň/; Ing. /Univ. West Bohemia Plzeň/

Born 1945

Specialized in: tribology, fluid power mechanisms, mechatronics, technology transfer,
hydrodynamic, hydrostatic and magnetic bearings.

Designer (1968–1972); Research Worker (1972–1992); Senior Lecturer (1992–1996); Vice
Rector R&D (1997-). Author of 55 res. reports, author and co-author of 25 publications in int.
journals, presentation on nat. and int. workshops and conferences.

Society aff.: Team Evaluators, Res. Centers Czech Republic (member 1999-2004); Project
Leonardo da Vinci, Grant Agency Czech Rep. (contractor 1993-1999); Design of Model for
Joint Univ.- Enterprise Innovation (1999-2001); EAIE (member); Sci. Board, Univ. West
Bohemia (member).

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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

Born 1943

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..

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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

Born 1944

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).

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František HRDLIČKA

Elected 2006

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

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

Born 1946

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

Jan HRON

Elected 1998

Dean, Faculty of Economics and Management- E&M, Czech University of Agriculture Prague (CULS)

and

Head, Department of Management, Faculty E&M CULS

and

Vice-president, Czech Academy of Agricultural Sciences

Rector emeritus /CULS/ 1994-2000 and 2003-2010 ; Dean /Fac. E&M, CULS/ 2000-2003; Prof. /CULS/ 1989; DrSc. /Univ. Economics Prague/ 1988; PhD /CULS/ 1969; Ing. /CULS/ 1964

Born 1941

Specialized in: management and organization theory. Author of scientific and scholarly works, including 63 research papers, 48 textbooks and lecture notes and 42 international titles.

Honorary Doctor Degrees: Univ.Plymouth, UK; Univ. Tbilisi, Georgia; Univ. Nitra, Slovakia; Humboldt Univ. Berlin; Nat. Univ. Peru; The Royal Sci. Soc. Jordan; Kazakh Nat. Agr.Univ.; Univ. Stavropol Russia; Stat. Agr. Univ. Kiev Ukraine; Univ. Moldova; Univ.NRALSci. Vienna Austria.

Czech Rectors Conference (president 2007-2009); Czech Acad. Agr. Sci. (president); R&D Council (member 2007-); Czech Accred. Comm. HEI (member until 2003); Conference Czech Acad. Sci. (member); Advisory Board, Ministry Agricul. CR (member); Czech Board Agricul. R&D (member; Comm. Thematic Fields R&D (member); Interdepartmental Ministerial Advisory Board (member); Educ. Policy Comm., Czech Ministry of Education (Advisory board member); Europ. Assoc. Life Sci. Universities ICA - (Boardmember 2008-2010); Euroleague for Life Sci. (Board member 2007/2010); Sci. Fellowship Programme NATO (member until 1998); Slovak Acad. Agricul. Sci. (external member); Int. Acad. Organization and Management Sci. Minsk, Belarus (member). Acad. Boards of 8 Czech agricultural, veterinary and economics universities and Univ. Agricul. Nitra, Slovakia. Management Board, West Bohemian Univ. Pilsen (member).Edit. Boards: Czech J. Agricultural Economics, J. IBM.

Society aff.: Svehla Foundation (president until 2000), Membership in Czech and several int. associations for R&Applic. Case Studies, Int. Education, Eur. Life Sci. Universities (WACRA, EAAE, ELLS),

Business add.: Czech University of Life Sciences Prague, Kamýcká 129, 165 21 Praha 6 – Suchdol, Czech Republic

Home: Brunclíkova 1721/21 162 00 Praha 6, Czech Republic

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Martin JAHN

Elected 2006

Member, Board of Directors, in charge of human resources management, Škoda Auto a.s.

MBA /Chicago's DePaul University/ 1999; Ing. /Univ. Economics Prague/ 1994

Deputy Prime Minister for Economic Affairs (2004-2005); CzechInvest - Chief Executive Office (1999-2004)

Born 1970

Vice President of the Czech Confederation of Industry. Member of the Czech government's Research and Development Council. Member of the Board of Trustees of the Prague University of Economics.

Business add.: Škoda Auto a.s., Tř. Václava Klementa 869, CZ-29360 Mladá Boleslav

<http://www.skoda-auto.com>

E-mail: martin.jahn@skoda-auto.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

Born 1941

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, 612 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

Born 1935

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

Home: Milénova 7, 638 00 Brno, Czech Republic

Jiří JANOŠEC

Elected 2013

Technology Transfer Manager, Technology Centre, 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

Born 1974

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), Enterprise Europe Network Czech Republic (member)

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

Prague 6, Czech Republic

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Ivo JANOUŠEK

Founding member

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

Born 1938

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.

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 (vice - president); ASI (senator); ECSITE; Advisory Comm., Grant Agency of the Czech Republic (member).

Home: U Havlíčkových sadů 1, 120 00 Praha 2, Czech Republic

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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

Born 1953

Specialized in: technology of structures, project planning and management, mathematical computer modelling of implementation, 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, 330 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

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Web page: www.contec.cz

Jaroslav JIRÁSEK

Elected 2006

Chairman, Supervisory Board of the Tatra Engineering Corp.

DrSc.; Ing. /Czech Techn. Univ. Prague/

Born 1926

Specialized in: heavy engineering, manufacturing system, microeconomics, top management.

Author of over 30 professional books and a number of articles. Research and teaching in the Int. Institute of Systems Analysis, IIASA (co-founder), and at the University of Pittsburgh. Member of 5 editorial boards. Member of academic Boards at 2 universities

Professor of strategic management in MBA (Master of Business Administration) programs;

Honorary dean of the CMC Graduate School of Business; Honorary member of the Federation of Industries; Honorary member of the Czech Association of Managers.

Business add.: Tatra Engineering Corp. (Strojírny Tatra), Zálesí, Prague 4

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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

Home: Trmická 3, 190 00 Praha 9, Czech Republic

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

Born 1941

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

Home: Chmelová 13, 106 00 Praha 10, Czech Republic

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Pavel JUŘÍČEK

Elected 2007

Chairman, Board, Brano Group a.s., Czech Republic

PhD /Techn. Univ. Ostrava/ 2002; Ing. /Univ. Technol. Brno/ 1982

Born 1956

Specialized in: cold and hot forming. co-author 1 book and 18 text books and int..publications.

Sci Boards member: Techn. Univ. Liberec; Union for Development of Moravian-Silesian

Region; Commercial Chamber Jablonec (Board member)

Society aff.: Automotive Industry Assoc. (vice- president)

Business add.: Brano Group a.s., Opavská 1000, 747 41 Hradec n.M., Czech Republic

Home: Rychnovské nábřeží 72, 747 41 Branka u Opavy., Czech Republic

E-mail: pavel.juricek@brano.eu

WWW-page: www.brano.eu

Ivo JUŘIČKA

Elected 2006

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

Born 1963

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.

Awarded: Professor Pišek Medal

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

Bussines add: Feron, a.s., Steel Servis Centrum, Slezské Předměstí 41, 501 12 Hradec Králové, Czech Republic

E-mail: juricka@hrkralove.ferona.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

Born 1935

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

Home: Rozvojová 10/249, Praha 6

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

Born 1957

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 100 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).

Society aff.: Assoc. Res. Organization Czech Rep. (presidium member)

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

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E-mail: kepkam@rti.zcu.cz

Web page: <http://www.fst.zcu.cz>

Miloš KLÍMA

Elected 2011

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

Prof. /Czech Tech. Univ Prague/ 2000, PhD /Czech Tech. Univ Prague/ 1978, Ing. /Czech Tech. Univ Prague/ 1974

Born 1951

Specialized in: multimedia technology and imaging photonics, assistive technology. Author and co-author of 180 conference papers and journals, 11 patents

Membership: IEEE, SPIE, ČSSF, EC of ICCST, TPC of QoMEX, MC of COST Action No.1003 "QUALINET", TPC of Photonics Prague, chairman of TPC of Optické komunikace.

Business add.: Faculty of Electrical Engineering, Czech Technical University in Prague, Technická 2, 16627 Praha 6, Czech Republic

E-mail: klima@fel.cvut.cz,

Web page: www.multimediatech.cz

Karel KLUSÁČEK

Elected 2002

Director, Technology Centre, Academy of Sciences of the Czech Republic

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

Technol. Prague/ 1973

Born 1947

Specialized in: technology and science policy and innovation strategies, foresight and evaluation of R&D. Technology Agency CR (President, since 2009); 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, ASCR, 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

Born 1953

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

Born 1953

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

Vladimír KOLAŘÍK

Elected 1995

Scientist, Director of DELONG INSTRUMENTS a.s., DI Research laboratory, Brno

PhD /Techn. Univ. Brno/ 1983; RNDr. /Palacký Univ. Olomouc/ 1979; Dipl. Phys. /Masaryk Univ. Brno/ 1971

Born 1945

Specialized in: particle optics instrumentation, electron microscopy and vacuum technique.

Author of 56 papers and 35 patents. Tutor of advanced instrumentation in physics.

Society aff.: Czechoslovak Microscopy Society (member).

Business add.: DELONG INSTRUMENTS a.s., Palackého třída 153b, 61200 Brno, Czech Republic

E-mail: Vladimir.Kolarik@dicomps.com

Pavel KOMÁREK

Elected 2012

Member, Presidium of the Technology Agency of the Czech Republic

Born 1951

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

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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

Born 1947

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

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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

Born 1943

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

Home: Klausova 13, 155 00 Praha 5, 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

Born 1969

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. (ŘS NP VaVaI) member.

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

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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

Born 1947

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

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Jiří KOUCKÝ

Elected 2005

Head, Strategic Department, Preciosa, a.s.;
and

Manager, Research and Development, Foundation Preciosa

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

Born 1947

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 40 design patents and 1 monograph. Sci. Boards: Inst. Chem. Technol. Prague (member); Fac.Chem. Techn., Inst.Chem Technol. Prague (member).

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

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E-mail: jiri.koucky@preciosa.com

Jan KOUKAL

Founding member

Ambassador of Czech Republic to Austria

PhD /Czech Acad. Sci./ 1980; RNDr. /Charles Univ. Prague/1974

Born 1954

Specialized in: solid-state theory, physics of solid surfaces, computer science. Author of about 75 publications. CEO of the EDS, A Siemens Comp.(from 2000), Lord Mayor of Prague (1993-1999), member of the Senate of the Parliament of the Czech Republic (1996-1999), Scientist, Inst. Physics, Acad. Sci. Czech Rep. (1974-1998), Fritz-Haber Institute MPG Berlin BRD (1986-1991), Daresbury Laboratory SERC Great Britain (1988-1989). Sci. Board, Inst. Physics, Czech Acad. Sci. (chairman, 1990-1991); CEO, Adv. Sci. Computer lab. (ASCOC, 1992-1993); Counsel of the Czech Government for Foundations (chairman 1992-1993); Counsel of the Czech Government for Sci. and Techn. Development (chairman 1991-1993); Parliamentary Comm. Sci. and Res. (member 1992); Senate Comm. Culture and Education (member 1996-1999); Comm. UNESCO of the Czech Government (member from 1996)

Awarded: Fund for Literature - Aw. For junior authors (1984); Czech Acad. Sci.: Aw. For junior scientists (1985); Czech Acad. Sci. 1991; Aw. Of Jan Masaryk (1997); Aw. Of Johan Marek Marci (1997); Aw. Of City of Wien (1998); Member of the Order of the St. Lazar of Jerusalem
Business add.: Embassy of the Czech Republic in Austria

Zdeněk KOVÁŘ

Elected 1995

Professor, Technical University in Liberec

Rector emeritus /Techn. Univ. Liberec/ 1990-1997; Prof. /Techn. Univ. Liberec/ 1990; Assoc.

Prof. /Techn. Univ. Liberec/ 1968; PhD /Czechoslovak Acad. Sci./ 1961; Ing. /Czech Techn.

Univ. Prague/ 1953

Born 1930

Specialized in: internal combustion engines, construction of energetic machines and devices.

Author of 56 papers and 50 conferences papers.

Tutor of advanced studies; Exam. Board for PhD degree (member); Sci. Board, Techn. Univ.

Liberec (member);

Society aff.: Council, Aktion Österreich-Tschechische Republik, Wissenschafts und
Erziehungskooperation (member).

Business add.: Technical University Liberec, Hálkova 6, 461 17 Liberec 1, Czech Republic

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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

Born 1929

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

Home: Bieblova 24, 613 00 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

Born 1936

Specialized in: material sci. (structure and properties of crystals), crystallography, X-ray diffraction. Author and co-author of 40 monographs and univ. textbooks, 200 papers in journals and proceedings, 110 R&D reports, over 650 other publications.

Exam. Board for PhD Degree (member); Tutor of advanced studies in material and phys. engng.

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. Acad. Theory of Sci.; 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

Home: Mazurská 526, 181 00 Praha 8, 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

Born 1967

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

Home: Červený Újezd 42, 330 22, Zbůch, Czech Republic

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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

Born 1953

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

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

Pavel KŘEČEK

Elected 2010

Chartered Engineer

Ing. /Czech Techn. Univ. Prague/ 1967

Born 1944

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).

Home: Slavíkova 11, 160 00 Praha 6

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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

Born 1947

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

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Vladimír KŘÍSTEK

Founding member

Professor, Faculty of Civil Engineering, Czech Technical University in Prague, Czech Republic
Prof. /Czech Techn. Univ. Prague/; DrSc. /Czech Techn. Univ. Prague/ 1977; PhD /Czech Techn. Univ. Prague/ 1967; Ing. /Czech Techn. Univ. Prague/ 1962

Born 1938

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 600 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).

Society aff.: Czech Society of Civil Engineers (Vice-president)

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

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Vladimír KUČERA

Founding member, vice president 1999-2006

Director, Masaryk Institute of Advanced Studies, Czech Technical University Prague

Professor, Faculty of Electrical Engineering, Czech Technical University Prague

Head, Center for Applied Cybernetics, Czech Technical University Prague

Research Scientist, Institute of Information Theory and Automation, 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.

Born 1943

Specialized in: control engineering, robust and optimal control, pioneer of polynomial design methods for linear control systems, best known result the Youla-Kučera parameterization of all stabilizing controllers. Author of 4 monographs and 350 research papers, Web of Sci. registers 2,800 citations.

Res. projects: principal investigator of 25 projects with total funding over 750 M CZK.

Visiting positions: Australia, Canada, France, Japan, Italy, Mexico, Sweden, Switzerland, USA.

Edit. Boards (member): Automa; Bull. Polish Acad. Sci.; Int. J. Robust and Nonlin. Control (previously Automatica; Systems and Control Letters; Int. J. Control; Int. J. Systems Sci.; J. Math. Systems, Estimation and Control; Kybernetika; Automa; Slaboproudý obzor).

Awarded: Prize Czechosl. Acad. Sci. (1973); Kybernetika Best Paper Award (1976); National Prize Czech Rep. (1989); Automatica Prize Paper Award (1990); Hlávka Found. Prize (1992); IFAC Outstanding Service Award (1996); 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 (fellow, former board of governors member); Czech Soc. Cybernetics and Informatics (member).

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

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Web page: <http://support.dce.felk.cvut.cz/pub/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

Born 1954

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

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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

Born 1943

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

Born 1946

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

Born 1960

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

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Martin KVAPILÍK

Elected 2013

Director of internal auditing, TOSHULIN, a.s., Hulín, Czech Republic.

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

Born 1968

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.

IFS Innovation Award winner, 2012, Gothenburg, Sweden.

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

Home: Fugnerova 766/6, 76701 Kroměříž, Czech Republic.

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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

Born 1967

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

Home: Křivá 2612/1, Prague 3, Czech Republic

E-mail: ales.laciok@cez.cz

Web page: www.cez.cz

Pavel LAMÁČ

Elected 2007

Retired and adviser

Ing. /Czech Techn. Univ. Prague/ 1969

Born 1945

Specialized in: test and measurement new products - prototypes; analysis and processing of signals; interpretation results of test and measurement; development new methods, proceedings and software for signal processing; identification of systems. Author of over 20 contributions in journals, collections and proceedings. Professional background: 38 years in business ZDAS,a.s. as head of the department for test and measurement new products (Testing laboratory).

Home: Hrázka 8, 621 00 Brno - Medlánky, Czech Republic

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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

Born 1955

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

Václav LIŠKA

Elected 2009

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

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

Born 1955

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

Home: Dolejší 12, 323 00 Plzeň, Czech Republic 1/57

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

Born 1951

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; <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

Born 1958

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

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Miroslav LUDWIG

Elected 2010

Rector, University of Pardubice, Czech Republic

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

Born 1956

Specialized in: organic and physical organic chemistry, R&D management. Author or co-author of 60 publications in int. journals, 334 citations (WOS).

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

Sci. Boards (membership): Univ. Technology Brno; Palacky Univ. Olomouc; Univ. Pardubice; Inst. Chem. Technology Prague; Techn. Univ. Liberec; Bata Univ. Zlin; Univ. South Bohemia Ceske Budejovice; Univ. Hradec Kralove; Inst. Nanomaterials, Advanced Technology and Innovation Liberec.

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Jan MACEK

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

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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)

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Jiří MAREK

Elected 2011

Technical director, TOSHULIN,a.s. Czech Republic
and

Professor, Faculty of Mechanical Engineering, Brno University of Technology, Czech Republic
Prof. /Techn. Univ. Ostrava/ 2008; Assoc. Prof. /Univ. Technology Brno/ 2004; PhD /Univ.
Technology Brno/ 1996; Ing. /Univ. Technology Brno/ 1987

Born 1964

Specialized in: engineering design science (EDS), design of machine tools, risk management,
industrial engineering

Author and co-author 118 papers, 2 monographs, 10 textbooks, 6 patents, 26 significant
engineering work

Society aff: Czech Soc. Machine Tools (member), Technolog. platform of manufacturing
technology (vice chairman)

Business add: TOSHULIN,a.s., Wolkerova 845, 768 24 Hulín Czech Republic

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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.

Former .Prof. /Techn. Univ. Ostrava/ 1997; DrSc. /Czech Techn. Univ. Prague/ 1991; PhD.

/Czech Techn. Univ. Prague/ 1967; Ing. /Czech Techn. Univ. Prague/ 1955

Born 1932

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.

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Vladimír MAŘÍK

Elected 1998

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

Prof. /Czech Techn. Univ. Prague/ 1990; DrSc. /Czech Techn. Univ. Prague/ 1989; PhD /Czech Techn. Univ. Prague/ 1979; Ing. /Czech Techn. Univ. Prague/ 1975

Born 1952

Specialized in: artificial intelligence, knowledge engng, computer integrated manufacturing and diagnostics. Author or co-author of 7 monographs and 130 papers in journals and proceedings. Co-editor of 12 books. Rockwell Automation Res. Ctr. Prague (managing director). IEEE Trans. SMC, part C (editor-in-chief).

Society aff.: Europ. Comm. Artificial Intelligence (member); Sci. Board, Int. Inst. Appl. Sci., Ontario, Canada (member); Austrian Soc. for Cyber. Studies (honorary member).

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

Karel MATOCHA

Elected 2006

Member of the Board and research manager, MATERIAL&METALLURGICAL RESEARCH, Ltd. Czech Republic

Prof. 2011; Assoc. Prof. /Techn. Univ. Ostrava/ 2006; PhD /Techn. Univ. Ostrava/ 1986;

Ing. /Techn. Univ. Prague/ 1972

Born 1948

Specialized in: material engineering, fatigue and fracture behaviour of the steels, environmentally assisted cracking in high temperature water environment, fracture mechanics, material testing, Small Punch Test technique for determination of mechanical properties of steels. Author of over 170 contributions in journals, books and conference proceedings.

Society aff: Main Comm .Processing and Revision, STD A.M.E. (member); Comm. Section II – Materials (chairman)

Business address: MATERIAL&METALLURGICAL RESEARCH, Ltd. , Pohraniční 31, 706 02 Ostrava 6, Czech Republic

Home address: Výstavní 6, 709 00 Ostrava-Mariánské Hory, Czech Republic

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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

Born 1939

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).

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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/

Born 1958

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.

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Jiří MILITKÝ

Elected 2008

Dean, Textile Faculty, Technical University of Liberec, Czech Republic

EURING /FEANI Paris/ 1996; Prof. /Czech Republic/ 1993; PhD /Techn. Univ. Liberec./ 1982;

Ing. /Techn. Univ. Liberec/ 1973

Born 1949

Specialized in: modeling of kinetic processes in solid phase, statistical data analysis, quality control, fibers physics, mathematical modeling in textile branch and chemometry in analytical laboratories. Author of over 500 contributions in journals and proceedings and 12 scientific books.

Sci. Boards: TU Liberec (member); Univ. Zlín (member); Polytechnic Inst. Jihlava (member), Fac. Chemistry Brno (member).

Awarded: G.H. Smith award of The Textile Institute Manchester (1999)

Society aff.: Czech Chemometrical Soc. (board member); Ukraine Acad. Engng Sci (academician) ; Czech Monitoring Comm. FEANI (president); Int. Textile Acad. (board member)

Editorial Boards: Fiber Chemistry, (USA); J. Textile Institute (England); Fibers and Textiles, (Slovakia).

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Tomáš MÍŠEK

Elected 1995

Life time industrial science research worker and manager, independent consultant
DrSc. /Univ. Pardubice/ 1973; PhD /Inst. Chem. Technol. Prague/ 1962; Ing. /Czech Techn.
Univ. Prague/ 1951

Born 1928

Specialized in: chemical engineering, separation processes (liquid - liquid extraction, industrial chemistry). Author of 32 papers, 23 patents, 8 monographs, 2 teaching texts, 14 invited lectures, 40 research reports, more than 120 other communications at int. and Czech. seminars and conferences. Long time organizer and president of the Int. Congresses CHISA.

Awarded: Hanuš medal for merits in chemistry 1974, Nat. Award of CSR 1975, ISEC 83 Award Denver, Colorado USA 1983, Votoček medal for merits in chemistry 2002. Lecturer in postgraduate courses. Visit. Prof. /Danish Techn. Univ. Lyngby/ 1983. Exam. Boards for PhD and DrSc. Degrees; Sci. Board, Fac. Chem. Engng, Inst. Chem. Technol. Prague; Board of postgraduate studies - chem. engng; Board of Governors, Inst. Chem. Technol. Prague (president, vice-president, member).

Society aff.: Czech Soc. Chem. Engng (president, honorary president); Europ. Fed. Chem. Engng (Czech delegate); Czech Soc. Chemistry (member).

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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

Born 1935

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).

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Petr MOOS

Elected 1999

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

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Jan MRKOS

Elected 2009

Director, Research Center Rez Ltd. in Rez, Czech Republic

PhD /Czech Techn. Univ. Prague/ 1972; Ing. /Techn. Univ. Prague/ 1961

Born 1937

Specialized in: theory of Nuclear Energy, R&D management, Sustainable Energy, Ecology.

Author or co-author of more than 15 publications and contributions to colloquiums.

Business add.: Research Center Rez Ltd., Husinec-Rez 130, 250 68, Czech Republic

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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

Born 1944

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, Křižík 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.

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Václav NEUMAJER

Elected 2002

Managing Director, Association of Research Organizations, Czech Republic

Ing. /Czech Techn. Univ. Prague/

Born 1947

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

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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;

Born 1960

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

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Pavel NOVÁK

Founding member

NGV Manager, NGV Coordinating Task Force at the Czech Gas Association, Czech Republic
Ing. /Czech Techn. Univ. Prague/ 1982

Born 1957

Specialized in: FMS, robototechnology, fluidpower. Author and co-author of 44 technological projects and research studies, responsible for implementation of NGV projects in the Czech Republic and development of compressed natural gas (CNG) and biomethane in transport.

Research and educational advisor to the President of the Czech Republic (1990-1997), Manage study stay: Simon Fraser Univ., British Columbia, Canada (1997).

Res. Inst. VUKOV Prešov (research co-worker), Czech Techn. Univ. Prague (ext. assistant).

Member, NGVA Europe CRC comm. and IGU WOC 5 Study Group 5.3 - Natural Gas Vehicles (NGV).

Society aff.: Found. Biomechanics of Man (honorary member); Movement „On own feet,, (founding member), Czech IVLP Alumni Club (founding member)

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Emanuel ONDRÁČEK

Elected 1995

Professor, retired

Former: Vice-Minister for Science and Higher Education at the Ministry of Education, Youth and Sport of the Czech Republic (1993-1997)

Prof. /Techn. Univ. Brno/ 1990; PhD /Techn. Univ. Brno/ 1964; Ing. /Czech Techn. Univ. Prague/ 1958

Born 1931

Specialized in: mechanics, mechanics of deformable bodies and computer mechanics and computer aided design of machine systems. Author or co-author of 21 univ. textbooks, 3 monographs, 2 patents, more than 100 papers in sci. journals and res. reports, number of lectures at symposia, conferences and seminars.

Awarded: The State Prize 1970; the Prize of Literary Foundation.

Sci. Board, Techn. Univ. Brno (member); Ministry Evaluation Board (member).

Formerly: Governmental Council Sci. and Technology (member); Acad. Assembly and Evaluation Board, Czech Acad. Sci. (member); Rector, Techn. Univ. Brno (1991-1994); education and/or research position, Techn. Univ. Brno (1966-1993); designer and researcher, Machine Works Žďár nad Sazavou and Res. Inst. for Forming Machines and Forming Technology Brno (1963-1966); lecturer, Techn. Univ. Brno (1958-1963).

Business add.: Technical University in Brno, Antonínská 1, 601 90 Brno, Czech Republic

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Břetislav OŠŤÁDAL

Elected 1998

The owner and commission agent, ELEKTROMECHANIKA Úvaly, Ltd.

Ing. /Czech Tech. Univ. Prague/ 1972

Born 1948

Specialized in: economics and management of machinery production.

Since 1977: top executive positions in divisions of machinery works ČKD Praha; Confed.

Industry Czech. Rep. (general manager 1990 - , vice-president 1999 -).

Society aff.: Assoc. Machine Engrs - ASI (member); Electrotechn. Assoc. (member).

Business add.: ELEKTROMECHANIKA Úvaly, Klostermannova 1000, 250 82 Úvaly, Czech Republic

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Eduard PALÍŠEK

Elected 2011

CEO, Siemens Czech Republic

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

Born 1963

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)

Society aff.: Czech and Moravian Electrical and Electronic Assoc. (vice president)

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Miloslav PAVLÍK

Elected 2002

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

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

Born 1944

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

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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

Born 1949

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.

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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

Born 1976

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.

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

Jiří PETRÁK

Elected 2006

Chairman, Mott MacDonald CZ

Ing. /Czech Techn. Univ. Prague/

Born 1947

Specialized in: transportation infrastructure design, supervision and management, bridges.

Since 1993 Founder and Managing Director (Chairman) of the Consulting Company Mott MacDonald CZ. International experience in managing projects in: UK, Europe, Middle East, Southeast Asia, Russia and Central Asia.

Society aff.: Czech Assoc. of Consult. Engineers (Vice-president) Czech Assoc. Civil Engineers (member), Czech Chamber of Chartered Engineers (member), Slovak Chamber of Chartered Engineers (member)

Business add.: Mott MacDonald CZ, spol. s r.o., Národní 15, 110 00 Praha 1, Czech Republic

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Ivan PILNÝ

Elected 2010

Consultant, investor

Ing. /Czech Techn. Univ. Prague/ 1972

Born 1944

Specialized in: management, information technology. Autor of 2 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); Columnist 4 years in EURO

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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

Born 1928

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

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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

Born 1937

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 aircraft.

Membership in professional bodies and co-operation with industry: ICAS-Int. Council

Aeronautical Sci. (Nat. Representative , member of Council and program Comm.).

Sci. Boards member: Fac. Mech. Eng., BUT, Brno; 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

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Pavel PITTER

Elected 1999

Professor Emeritus, Department of Water Technology and Environmental Engineering, Institute of Chemical Technology in Prague

Prof. /Inst. Chem. Technol. Prague/ 1990; DrSc. /Inst. Chem. Technol. Prague/ 1987; PhD /Inst. Chem. Technol. Prague/ 1963; Ing. /Inst. Chem. Technol. Prague/1956

Born 1930

Specialized in: hydrochemistry, biodegradability of organic substances, water and wastewater treatment. Author of 220 papers, 5 monographs, 160 conference papers. Exam. Board for PhD Degree - chemistry and technology of environment protection (member). Association of Wastewater Treatment Experts of the Czech Republic (member).

Society aff.: Czech Chem. Soc. (member); Czech Soc. Chemistry and Toxicology of the Environment (member).

Business add.: Institute of Chemical Technology in Prague, Department of Water Technology and Environmental Engineering, Technická 5, 166 28 Praha 6, Czech Republic

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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

Born 1960

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.

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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

Born: 1942

Specialized in: aero- and hydroelasticity. Expert activity: mutual interaction of body and fluid, design of fluid machines and equipment. Author of 160 sci. reports, 33 journal papers, 167 conference papers including int. conferences, 8 patents, 15 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. Engining, Brno Univ. Technology 2000, Memory medal of the Fac. Mech. Engining - TU Ostrava 2002, Prize of the Ministry of education 2003, Prize of Brno city – for the techn. progress 2008, Gold medal of the Brno Univ.

Technology 2010, Czech head 2011 – Nat. prize, Ministry of Environment 2011.

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

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Karel POSPÍŠIL

Elected 2012

Director, Chief Executive, CDV – Transport Research Centre, Brno, Czech Republic
Prof. /Univ. Pardubice/ 2010; PhD /Univ. Pardubice/ 2005; MBA /Nottingham Trent Univ./
2007; Ing. /Techn. Univ.Brno/ 1992

Born 1969

Specialized in: nondestructive testing of structures, geotechnics, design of highways, Pavement & 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.

Membership: Council, Public Res. Institutions Appl. Res. (Vice-chair); Conduct of Res. Comm.
TRB, US Nat. Academies; Amer. Soc. Testing and Materials (voting member); Chartered
Management Institute UK (Chartered Manager and Fellow); Sci. Council, Czech Minister of
Transport; Amer. Soc. Civil Engins; Board of Directors, FEHRL-Forum of Europ. Nat. Highway
Res. Laboratories; Joint Transport Res. Comm., OECD.

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Vojtech PRAŽMA

Elected 2003

Managing Director, Modelarna LIAZ s.r.o., Liberec, Czech Republic

Born 1943

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 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).

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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

Born 1939

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

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Jaromír PŘÍHODA

Elected 2001

Senior Researcher, Institute of Thermomechanics v.v.i., Academy of Sciences of the Czech Republic

Prof. /Tech. Univ. Liberec/ 2003; Assoc. Prof. /Czech Techn. Univ. Prague/ 1994; PhD /Czech. Acad. Sci./ 1972; Ing. /Czech Techn. Univ. Prague/ 1961

Born 1939

Specialized in: fluid dynamics and thermodynamics (modelling of transitional and turbulent shear flows). Author of over 180 papers in journals and proceedings and 58 research reports.

Sci. Councils: Tech. Univ. Liberec (member); Fac. Mech. Engng, Tech. Univ. Liberec (member);

Fac. Mechatronics Tech. Univ. Liberec (member); Fac. Mech. Engng Czech Techn. Univ. Prague

(member); Boards for PhD Degree: Fac. Mech. Engng, Czech. Techn. Univ. Prague and Tech.

Univ. Liberec.

Society aff.: EUROMECH Soc. (member); Czech Comm., GAMM (member); Czech Soc.

Mechanics (member); ERCOFTAC (member).

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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

Born 1951

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>

Jaroslav PURMENSKÝ

Elected 2004

Chairman of Supervisory Board, VÍTKOVICE, Research & Development, Ltd. Ostrava
Prof. /Techn. Univ. Ostrava/ 1995; DrSc. 1994; Assoc. Prof. 1992; PhD. 1980; Ing. /Techn. Univ.
Ostrava/ 1967

Born 1943

Specialized in: research and development of creep-resisting and hydrogen-resisting steels,
including long term structural stability and new testing methods based on small samples. Author
over 200 articles and sci. press releases, 20 concluding reports on research tasks and 7 registered
patents.

Sci. Boards: Techn. Univ. Ostrava; Fac. Engng, Techn. Univ. Liberec

Society aff.: Prague Board, Assoc. Res. Institution Czech Rep. (member); Prague Board, Czech
Soc. New Materials and Technologies (member); Paris Board, Europ. Indust. Res. Management
Assoc. (member); American Soc. Materials (member); Brussels Board, Res. Coal and Steel
(member).

Business add.: VITKOVICE, Research and Development, Ltd., Pohraniční 31, 706 02 Ostrava-
Vítkovice, Czech Republic

Home add.: Stadická 13, 700 30 Ostrava-Hrabůvka, Czech Republic

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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.

Born 1971

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.

Home: nám. T.G.Masaryka 23, 30100 Plzeň, Czech Republic

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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

Born 1940

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, Univerzitni 8, Czech Republic

Home: Dvořákova 20, 301 00 Plzeň, 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

Born 1943

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

Home: Slezská 103, 130 00 Prague 3, Czech Republic

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Martin RUŠČÁK

Elected 2011

Managing Direktor, Research Centre Řež, Czech Republic

Born 1961

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

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Milan RŮŽIČKA

Elected 2009

Vice-head, 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

Born 1955

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 28 journal publications, 44 publications and contributions to international conferences, 4 univ. text books, 3 monographs.

Society aff.: Danubia-Adria Symposium on Advances in Experimental Mechanics (inter. board member), European Workshop on Structural Health Monitoring (member, Steering Comm.), Czech Soc. Mechanics (CSM), Czech Soc. Biomechanics

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

Home: V Rovínách 52, 140 00 Praha 4, Czech Republic

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Web page: <http://mechanika.fs.cvut.cz>

Vlastimil RŮŽIČKA

Elected 2008

Professor, Department of Physical Chemistry, Institute of Chemical Technology in Prague
Former Vice Minister for Research and Higher Education, Ministry of Education, Youth and Sports of the Czech Republic

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

Born 1949

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.

Author of more than 90 papers and more than 60 presentations and contributions to colloquiums, one publication, one textbook.

Jan RÝDL

Elected 2012

Chairman, Board of Directors, TOS VARNSDORF a.s., Czech Republic

Ing./Techn. Univ. Liberec/1978

Born 1949

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. Říční 1774, 407 47 Varnsdorf, Czech Republic

Home : Raisova 3403, 407 47 Varnsdorf

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/

Born 1948

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 coloboration and lectures for special application engng (Czech Techn. Univ. Prague).

Business address: 4. Haldenstrasse, 8474 Dinhard, Switzerland

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Ivan SOUČEK

Elected 2006

Managing Director, Česká rafinerská, a.s.

PhD /Inst. Chem. Technol. 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

Born: 1959

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 48 articles and presentation on conferences, 1 book, 3 patents.

Previous positions: 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: Česká rafinerska, a.s. / 2002; Koramo / 2001-2002, Unipetrol / 1995 – 1999, Lovochemie /1998, Chemopetrol / 1997-1998, VUANCH / 1997 – 2001, PIB / 1998 - 2001

Sci. Boards: Chem. Techn.Univ. Prague (member); Fac. Business Mng., Univ. of Economy Prague (member).

Society aff.: Czech Assoc. Chem. Ind. (board member); Czech Assoc. Refining Ind. and Trade (board member); Senat of AV ČR/1998-2006.

Business add.: Česká rafinerská, a. s., Wichterleho 809, 278 01 Kralupy nad Vltavou, Czech Republic

Home: Na staré mlýnské cestě 494, 278 01 Kralupy nad Vltavou, Czech Republic

E-mail: ivan.soucek@crc.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

Born 1941

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

Home: Nuselská 69/28, 140 00 Prague 4, 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.

Born 1942

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/

Born 1946

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 *fib* - 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, Veveří 95, 66237 Brno, Czech Republic

Home: Česká 233, 66431, Czech Republic

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

Jan STRUŽ

Elected 2011

President, CZECH TOP 100 Association ,

Ing. /Univ. Economics Prague/ 1973

Born 1949

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.: Na Zátorce 12, 16000 Prague 6, Czech Republic,

Home: K vodojemu, 25067 Klecany, Czech Republic

E-mail: jan.struz@seznam.cz

SVÍTEK Miroslav

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.

Born 1969

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

Home: Osadní 3, 110 00 Prague 7, 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

Born 1945

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

Born 1935

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)

Home: Borový vrch 742, 460 14 Liberec, Czech Republic

Jan ŠEDIVÝ

Elected 2007

Research Director IBM, Czech Republic,

PhD /Czech Techn. Univ. Prague/ 1983; Ass. Prof. /Czech Techn. Univ. Prague/ 1980; Ing. /Czech Techn. Univ. Prague/ 1977

Born: 1953

Specialized in: digital signal processing, dialog systems, multimodal systems, user centered design, natural language processing, speech recognition, internet applications and architecture, embedded systems. Publications: Numerous research reports, more then 50 papers, text books and other publications, more then 15 US patents.

Res. Staff Member, T.J.Watson Res. Center, NY (1992 -2000); postgraduate researcher, Univ.Electro-Communication, Tokyo, Japan (1981-83), leading several EU granted projects.

Awards: IBM, Research Division Awards (1995), Innovation Award for the development of the Embedded Engine (2000), The Research Division Award for the development of the Embedded Engine (2004).

Society aff.: AURORA project, ETSI 1997 (member); European Community 1998 (reviewer).

Business address: IBM Czech Republic, The Park, V Parku 2294/4, 148 00 Praha 4 – Chodov, Czech Republic

Email: jan_sedivy@cz.ibm.com

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

Born 1939

Specialized in: nonlin. mech. mat. engng. Author of 200 papers in Czech and int. journals, more than 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

Home: Zengrova 26, 160 00 Praha 6, Czech Republic

Jaroslav ŠESTÁK

Elected 2004

Emeritus Scientist, Institute of Physics, Academy of Sciences of the Czech Republic;
CENTEM Team Leader, West Bohemian University in Plzeň;

Professor, New York University in Prague.

Dr.h.c /Univ. Pardubice/ 2010 and 1991; Prof. /Inst. Chem. Technol. Prague/ 1993; Assoc. Prof. /Univ. Pardubice/ 1991; DrSc. /Inst. Chem. Technol. Prague/ 1990; Senior Scientist /Inst. Physics/ 1977; Ass. Prof. /Univ. Missouri at Rolla, USA/ 1970; PhD /Czechosl. Acad. Sci./ 1968; Ing. /Inst. Chem. Technol. Prague/ 1962

Born 1938

Specialized in: thermodynamics and solid-state physics of inorganic materials particularly interested in non-equilibrium thermal studies (metallic and oxide glasses, ceramic superconductors or bioactive implants) and in interdisciplinary learning (borderlines of philosophy and science of nature). Author of almost 300 contributions in journals (which received over 2500 citation responses and possess Hirsh reference factor 22), over 150 invited and plenary lectures, author and editor of 15 books and monographs.

Sci. Boards: J. Thermal Analysis and Calor.- Germany (member); Global J Anal Chem (USA, member 2010); J. Thermochem. Acta - Amsterdam (foun. member 1970); J. Mining and Metallurgy - Beograd Univ. (found. member 1997), Int. J. Applied Glass Sci. - USA (found. member 2009). Cofounder of the School of Energy Sci. Kyoto Univ., Japan (emeritus prof. 1966), Fac. Humanities UK Prague (1999) and confederation ICTAC (1965); Program auspice of New Technologies – Res. Center in the Westbohemian Region (Univ. West Bohemia, Pilsen), Acad. Senate - Techn. Univ. Liberec.

Awards (in thermal analysis and Chemistry): North American Award, USA 1974; Kurnakov Medal, Russian Acad. Sci..1985; Bodenheimer Award, Israel Chem. Soc. 1988; ICTAC Award England 1992, Hanus medal Czech Chem. Soc. 1997; Heyrovsky int. award Czech Acad. Sci. 1999, Greek award (Patras 2005).

Business add.: NTC- West Bohemian University, Universitni 8, 30614 Plzen and Institute of Physics, Czech Academy of Sciences, Cukrovarnicka 10, 162 53 Praha 6, Czech Republic

Home: V stráni 3, 150 00 Praha 5, Czech Republic,

E-mail: sestak@fzu.cz

Jiří ŠEVČÍK

Elected 2004

Professor, Charles University in Prague

Prof. /Charles Univ. Prague/ 1998; DrSc. /Univ. Pardubice/ 1995; PhD /Charles Univ. Prague/ 1966; Ing. /Czech Technical Univ. Prague/ 1962

Born 1940

Specialized in: dosimetry, measuring instrument's development, design and construction, electronics, scientific computation, R&D management, Hi-Tech product marketing. Author and co-author of more than 100 scientific publications, SCI 550, author of 11 patents in CZ, EU and USA. Managing director of Analytical Laboratory Systems (1983-1996). Manager R&D of Packard (1976-1982)

Awarded: R&D100 AWARD, Chicago, USA (1991)

Society aff.: Assoc. Univ. Technology Managers - AUTM, USA (member); Assoc. Europ. Sci. & Technology Transfer Professionals - ASTP, NL (member); Czech Chem. Soc. (member).

Business address: Charles University in Prague, Dept. Anal. Chem., Albertov 230, 128 40 Praha 2, Czech Republic

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Web page: <http://www.natur.cuni.cz/~sevcik>

Milan ŠÍSTEK

Elected 2012

Novák a partner s.r.o

Ing. /Czech Techn. Univ. Prague/ 1970

Born 1947

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

Home: Velichovská 1454/16, Praha 5, 155 00

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Web page: <http://www.novak-partner.cz>

Zdeněk ŠKVOR

Elected 1998

Professor emeritus, Faculty of Electrical Engineering, Czech Technical University in Prague
Prof. /Czech Techn. Univ. Prague/ 1986; DrSc. /Czech Techn. Univ. Prague/ 1985; Ing. /Czech
Techn. Univ. Prague/ 1958

Born 1935

Specialized in: acoustics, engineering acoustics, electroacoustic transducers. Author of 150
works (papers in journal, conf. papers, patents, reports), 3 monographs.

Inst. Radioelectronics (member and former chair of the Committee for PhD programme in
Acoustics in the Faculty of Electrical Eng. , Czech Technical University in Prague member of the
Committee for PhD programme in Musical acoustics - Sound production - , in the Music and
Dance Faculty, Academy of Performing Arts in Prague. AMU.

Awarded: French Acoust. Soc. Gold Medal 1994

Society aff. Czech Acoust. Soc. (president 1993-1999, vice-president 1999); America Acoust.
Soc. (member); French Acoust. Soc. (member); Audio Engng Soc. (member).

Business add. Faculty of Electrical Engineering, Czech Technical University in Prague,
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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

Born 1943

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

Home: Štíbrova 1218, 182 00 Praha 8, 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

Born 1953

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
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František ŠŮCHA

Elected 2002

General Director in CEZData, s.r.o. (IT company)

Ing. /Tech. Univ. Plzeň/

Born: 1949

Specialized in: production and distribution of electrical energy. Special training's: administration and management in joint-stock companies, financial management, human resources management, power engineering liberalization, and in training's focused in power engineering management, asset management, and experience in distribution companies of EU. General Director, Zapadoceska energetika, a.s. 1999 – 2003; Board of Directors, Zapadoceska energetika (Chairman since 1999); General Director and Chairman, Board of Directors, Vychodoceska energetika, a.s. 2003-2004. Professional achievements: He participated in forming company strategy of Zapadoceska energetika for the period of electricity market liberalization, in the project of complete company restructuring, in preparation of energetic legislative and distribution nets codex. He personally contributed very much to preparing and realizing these projects: distribution nets automation, control of consumption, systems SCADA, GIS, losses optimization, nets standardization, private telecommunication system and communication centre in Zapadoceska energetika.

Acad. Board: State Exam Board, Electric Power Department, Univ. West Bohemia Plzeň (member).

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Pavel ŠUNKA

Founding member

Department of Pulsed Plasma Systems, Institute of Plasma Physics, Academy of Sciences of the Czech Republic

Assoc. Prof. /Masaryk Univ. Brno/ 1994; PhD /Inst. Plasma Physics/ 1968; Ing. /Czech Techn. Univ. Prague/ 1960

Born 1936

Specialized in: plasma physics and technology, accelerators and pulsed power systems. Author of more than 100 papers in journals and proceedings of int. conferences.

Exam. Boards for PhD and DrSc. Degrees (member); Supervisor of advanced studies.

Business add.: Institute of Plasma Physics, Academy of Sciences of the Czech Republic, Za Slovankou 3, 182 00 Praha 8, P.O.Box 17, Czech Republic

Home : Harcovská 1684/ 6, 193 00 Praha 9, Czech Republic

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

Born 1937

Specialized in: electron microscopy and microanalysis. Author and co-author of 70 papers in
Czech and int. journals, 122 papers in conference proceedings, 2 books, over 300 res. reports and
reports for industry.

Boards for Ing., PhD and DrSc. Degrees; Sci. Councils at 3 Czech universities (member); Res.
Program Councils EUREKA (member), AKTION (member), TANDEM(member). COST
(member) and EUPRO (head).

Society aff.: Czech Soc. New Materials and Technologies (vice-president); ASM Int., TMS,
DGM, SAMPE, ENMat

Business add.: Technical University in Brno, Technická 2896/2, 600 00 Brno, Czech Republic

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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

Born 1951

Specialized in: civil and structural engng, innovative entrepreneurship (technology transfer, sci. and technology parks), investment construction, economic establishment, sci. and techn. development, sci. and techn. education. Author of 166 papers, 58 projects, 51 conference papers. Edit. Board, Czech J. Innovative Entrepreneurship and Technology Transfer (chairman); Comm. for small and middle Enterprising, Economic Comm., Parliament CR (member); 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

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Václav TALÍŘ

Founding member

Branch manager, Raiffeisenbank a.s., Prague

Ing. /Univ. Economics Prague/ 1971, postgradual study 1973, 1996

Born 1947

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

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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

Born 1933

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).

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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.

Born: 1947.

Specialized in: control engineering, signal processing, experimental dynamics, noise and
vibration measurement and machine diagnostics. Author of more than 200 publications, including
a book on signal processing (in Czech), 3 book chapters, 12 patents 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
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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.

Born 1944

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.

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.

Born 1944

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.

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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

Born 1940

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 (member); 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,
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Vladimír UHŘÍČEK

Founding member

Scientist, Research Institute of Transportation, Dept. Prague, Transport Development Centre,
Ministry of Transport of the Czech Republic

Assoc. Prof. /Czech Techn. Univ. Prague; Univ. Pardubice; Transp. Univ. Žilina/ 1969;

PhD /Transp. Univ. Žilina/ 1963; Ing. /Czech Techn. Univ. Prague/ 1957

Born 1933

Specialized in: technology of road transport industry and technical requirements on construction of road vehicles. Author of 62 research projects, 5 monographs, about 100 papers and conference papers. Permanent Delegate of the Czech Republic in the sessions of WP.11 and WP.15 ECE UNO (16 years). Exam. Boards for Ing., PhD and DrSc. Degrees (chairman and member).

Business add.: Faculty of Transportation Sciences, Czech Technical University in Prague, Horská 3, 120 00 Praha 2, Czech Republic

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Daniela VÁCHOVÁ

Elected 2010

Head, Technology Transfer Department , Technology Centre, Academy of Sciences of the Czech Republic

Ing. /Univ. West Bohemia Plzen/ 1971

Born 1946

Specialized: research and innovation policy, technology transfer, foresight

Society aff.:Enterprise Europe Network Czech Rep. (coordinator); Steering and Advisory Group, Enterprise Europe Network, DG Enterprise (member); Bohemian Regional Innovation Strategy (project coordinator);Czech Foresight Exercise (member of project management), EU projects focused on regional development and innovation policy (manager)

Business add: Technology Centre of the Academy of Sciences CR, Ve Struhach 27, 16000 Prague 6, Czech Republic

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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

Born 1956

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

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Jaroslav VALENTA

Founding member

Professor Emeritus, Faculty of Mechanical Engineering, Czech Technical University in Prague
 Prof. Emeritus /Czech Techn. Univ. Prague/ 2001; Prof. /Czech Techn. Univ. Prague/ 1989-2001;
 DrSc. /Czechoslovak Acad. Sci./ 1968; PhD /Czech Techn. Univ. Prague/ 1955; Ing. /Czech
 Techn. Univ. Prague/ 1951

Born 1927

Specialized in: residual life time (nuclear, chemical and food industry), biomechanics of man
 (cardiovascular mechanics, tissue engng). Author of 76 papers, 10 monographs, 40 conference
 papers, 210 research reports, 140 projects of engineering plants.

World Council Biomechanics (member 1990-2001); Int. Comm., Global Cooperation for a Better
 World (adviser 1990-2001); Council Czech Sci. Soc. (president 1990-2001); EUREKA Czech
 Rep. (president 1996-2000).

Society aff.: Gessellschaft für Angewandte Mathematik und Mechanik (member); Int. Soc.
 Hemodynamics (member); Nat. Geographic Soc. USA (member 1985-1995); Soc. Arts and Sci.
 USA (member); Brazil Soc. Mechanics (honorary member).

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

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

Born 1948

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.

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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

Born 1937

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

Home: Březinova 48, 616 00 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

Born 1930

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

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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

Born: 1942

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)

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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.

Born 1957

Specialized in: Concrete Structures and Bridges, Composite steel-concrete structures, Research,
Design, Execution and Rehabilitation. Author of more than 220 papers in journals and conference
proceedings.

Society aff.: Czech Concrete Soc. (vice-president and president 1999-2006); Int. Fed. for
structural concrete - fib (Czech delegate and Convenor – TG 4.1 Serviceability models); Int.
Assoc. for Bridges and Struct. Eng. (IABSE-member).

Sci. Boards membership: Fac. Civ. Engng, Czech Tech. Univ. Prague; Klokner Inst. Czech Tech.
Univ. Prague; Fac. Civ. Enging, Techn. Univ. Brno. Honorary member of the Czech Institution
of Civil Engineers.

Awards: Humboldt Fellowship, 1989; fib Award – outstanding structure 2002; Award of Eng.
Acad. Czech Rep. 2002.

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Pavel VLASÁK

Elected 2006

Deputy Director, Institute of Hydrodynamics, Academy of Sciences of the Czech Republic, v. v. i.

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
Born 1941

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 350 contributions in journals, conference proceedings and research or technical reports.

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 (deputy-chairman); Edit. Board, J. Engng Mechanics and J. Hydrology and Hydromechanics (member)

Awarded: Czechoslovak Acad. Sci. Prize

Society aff.: Amer. Chem. Soc. (member); Int. Freight Pipeline Soc. (president); Int. Soc. Offshore and Polar Engrs (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;

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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

Born 1954

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).

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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

Born 1941

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

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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

Born 1959

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.

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Zdeněk VOSTRACKÝ

Founding member

Professor, University of West Bohemia in Plzeň, Czech Republik

DrEng. h.c. /London/ 2001; DrSc. /Czech Techn. Univ. Prague/ 1988; PhD /Techn. Univ.

Plzeň/ 1976; Ing. /Techn. Univ. Plzeň/ 1964

Rector emeritus, Univ. West Bohemia Plzeň; Manag. program – Amsterdam (1991); Executive Manag. Business Administration (senior level); Columbia University New York.(1991)

Born 1941

Specialized in: switchgear - high voltage and electrical transmission and distribution systems, application of plasma physics in circuit - breakers, plasma spraying technology, transportation, medical apparatus, management of R&D. Author more then 150 papers, 5 monographs, 45 conference papers (11 key - note speeches at int. conferences), 23 realized projects, 39 inventions, visiting professor USA (Millwaukee, Portland)

Awarded: Medal of Forum higher education and Siemens for outstanding result in thermal plasma application, Outstanding Inventor of the Czech republic, and others.

Exam. Boards for PhD and DrSc. Degrees (member); Tutor of advanced studies; Sci. Council

Electr. Engng (member); Advisory Comm., West Bohemia Utilities of Energy (member);

Previous positions: Board of directors ŠKODA Plzeň (chairman); Univ. Senat (chairman 1997-8), Univ. West Bohemia Pilsen (rector 1998 -2002), R&D Government Council CR (member);

R&D Center (director). Visit Columbia Univ. New York 1992, Professor: Univ. Erlangen, Nuremberg 1993; Portland State Univ. 1994; Marquette University 1996.

Society aff. membership: Inst. Electrical and Electron. Engrs-IEEE(senior member 2005), Power Enging and Soc. Eng. Management; CIGRE, Study Comm. SC-13, (HV Switchgear); WG 13-01

Business add.: University of West Bohemia in Plzeň, Univerzitní 22, 306 14 Plzeň, Czech Rep.

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Jan VRBKA

Elected 2004

Professor, Institute of Solid Mechanics, Biomechanics and Mechatronics, Faculty of Mechanical Engineering, University of Technology in Brno, Czech Republic
and

Head, Department of Statics and Strength of Materials, Czech Republic

Dr.h.c. /Izhevsk State Techn. Univ., Russia and Techn. Univ. Košice, Slovakia/ 2006, 2002;
Prof. /Univ. Technol. Brno/ 1993; DrSc. /Univ. Technol. Brno/ 1992; RNDr. /Masaryk Univ. Brno/ 1978; PhD /Univ. Technol. Brno/ 1977; Ing. /Univ. Technol. Brno/ 1964

Born 1942

Specialized in: solid mechanics, plasticity, strength of materials, mechanics of composite materials, strength design and strength optimization of compound vessels for extreme high pressures, university management, technology transfer. Author or co-author of more than 110 papers in Czech and int. journals and conference proceedings, over 50 research reports, 7 realized industrial devices, 8 textbooks.

Sci. Boards of 3 Czech univ. (member). Edit. Boards of 3 sci. journals (member).

Society aff.: Czech Soc. Mechanics (member); Gesellschaft für Angewandte Mathematik und Mechanik (GAMM) (member); Materials Res. Soc. (MRS) (member).

Business add.: Institute of Solid Mechanics, Mechatronic and Biomechanics, Faculty of Mechanical Engineering, Brno University of Technology, Technická 2, 616 69 Brno, Czech Republic

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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

Born 1942

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

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Petr WILHELM

Entrepreneur, Executive director and chairman of the Board of directors BW Topas s.r.o.,
Ing. /Univ. Technol. Brno/ 1970

Born 1943

Specialized in: development of motorcycles and other special equipment as moulding and drying chambers and conveyor belts for wide range of temperatures

Previous positions: Development department Povážské strojírny, Co-op Mechanika (development manager)

Society aff.: Nanotechnology cluster, Soc. AKTOP (member).

Add.: kpt.Jaroše 23, 796 04 Prostějov, Czech Republic

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Jiří WINKLER

Elected 2005

Representative , Siemens, Czech Republic

PhD /Czech Techn. Univ. Prague/ 1976; Ing. /Czech Techn. Univ. Prague/ 1966

Born 1944

Specialized in: semiconductor convertors. electrical drives, power characteristic, electromagnetic compatibility, 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
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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

Born 1928

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

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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

Born 1934

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.

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Vladimír ZEMAN

Elected 1996

Professor,-Department of Mechanics, University of West Bohemia in Plzeň

Prof.; DrSc. /Techn. Univ. Plzeň/ 1987; PhD /Techn. Univ. Plzeň/ 1968; Ing. /Techn. Univ. Plzeň/ 1961

Born 1939

Specialized in: dynamics in machines, vibration of mechanical systems, optimization of design variables. Author and co-author of 140 papers in Czech and int. journals and proceedings, 1 book, 1 monograph, 4 patents, 70 research reports, 9 textbooks.

Exam. Board for PhD Degree (chairman); member of 2 further Board; Sci. Councils of 3 Faculties (member). Investigator of two research plans.

Society aff.: -Czech Assoc. Mechanics (member); IFToMM (vice-chairman) and GAMM BRD (member).

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Petr ZEMÁNEK

Elected 2011

General Manager, Association of Engineering Technology of the Czech Republic.

Ing. /Univ. Economics Prague/.

Born 1961

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.

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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

Born 1939

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

Born 1947

Specialized in: electrical drives, control, automation, ultrasonic flowmeters, heat meters.

Author of 15 papers, 6 patents.

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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/

Born 1926

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.

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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

Born 1937

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.

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Rudolf HANKA

Professor, Wolfson College, Univ. of Cambridge, UK,
Chief Scientific Adviser to the Prime Minister of the Czech Republic

Born 1937

Prof. 1999; PhD /Univ. Strathclyde UK/ 1976; MA /Univ. Cambridge UK/ 1972; Ing /Czech Techn. Univ. Prague/ 1961

Specialized in: statistical pattern recognition and applications of artificial intelligence to problems of medical diagnosis.

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: FM, Economic Univ. Prague; Masaryk Univ. Brno; and Economic Univ. Prague.

Society aff.: IEEE (life member), Royal Statistical Soc. (Fellow), Royal Society of Medicine (Fellow).

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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

Born 1942

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).

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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

Born 1931

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

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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

Born 1936

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.

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Pier Giorgio MALERBA

Professor, Department of Structural Engineering, Politecnico di Milano, Italy.
Aeronautical Eng./Politecnico di Milano/1972.

Born: 1947

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).

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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

Born 1942

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).

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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

Born 1942

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.

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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

Born 1938

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).

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Sadanari MOCHIZUKI

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Born 1943

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

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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.

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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

Born 1926

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.)

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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

Born 1940

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).

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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

Born 1931

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

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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).

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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 + Räsch partner-company / qualified experts) Munich, Germany
Visit. Prof. /Czech Techn. Univ. Prague/ 2009; Dipl. Ing./Techn. Univ. Munich/1970

Born 1943

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).

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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

Born 1946

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.

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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
Born in 1931

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).

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Michael STERLING

Michael Sterling is a Senior Lecturer and Professor at the University of Birmingham, UK

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2008; Hon Doc. /Univ. West Bohemia/ 2001; Hon Doc. /Univ. Sheffield/ 1999; Hon DEng. /Univ. Sheffield/ 1995; DEng. /Univ. Sheffield/ 1988; BEng. /Univ. Sheffield/ 1968

His research interests are in the control of electrical power systems, water network modelling and online optimisation. He has published several books and numerous publications in international journals and has been responsible for the commercial 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 Academy of Engineering 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.

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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
Born 1929

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).

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Alexander TESÁR

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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

Born 1947

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.

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Dietmar THEIS

Physicist, Department Head at Siemens Corporate Technology, Consultant
Prof. /Techn. Univ. München, Germany/; Prof. Dr.- Ing.

Born 1945

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)

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Prof. /Univ. Salford, Manchester, United Kingdom/ 1969; Assoc. Prof. /Inst. Chem. Technol. Prague/ 1966; PhD 1957; Ing. /Czech Techn. Univ. Prague/ 1952

Born 1928

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).

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Hiroyuki YOSHIKAWA

Elected 2006

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

Born 1933

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)

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M.B.A. /Texas A&M University/ 1983; M.A. /Texas A&M University/ 1978; B.A./Lubbock Christian College/1976

Born 1954

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.

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