



# CZECH TECHNICAL UNIVERSITY IN PRAGUE



# Agenda

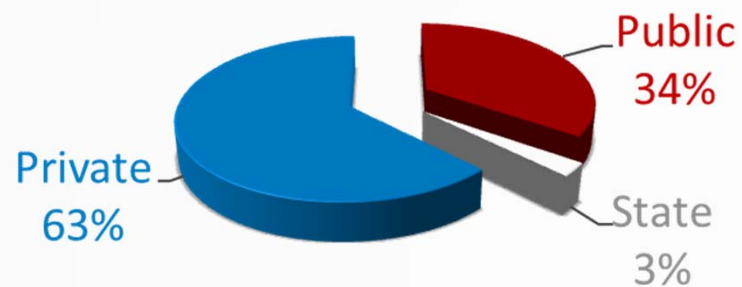
- Czech Education and Academic System
- CTU in Prague
  - Basic Information
  - Faculties
  - Higher Education Institutes
  - Other Facilities
  - Service Facilities Administration
- International Relations



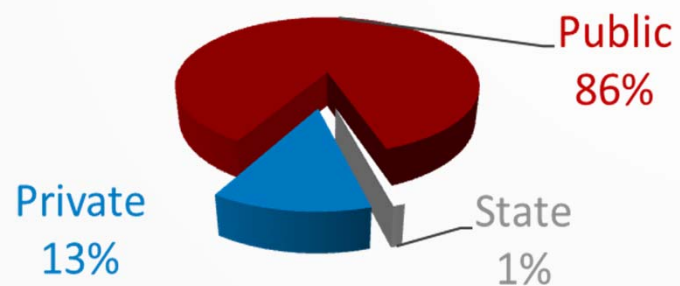


# System of Tertiary Education

## Number of Tertiary Institutions



## Students in Tertiary Institutions



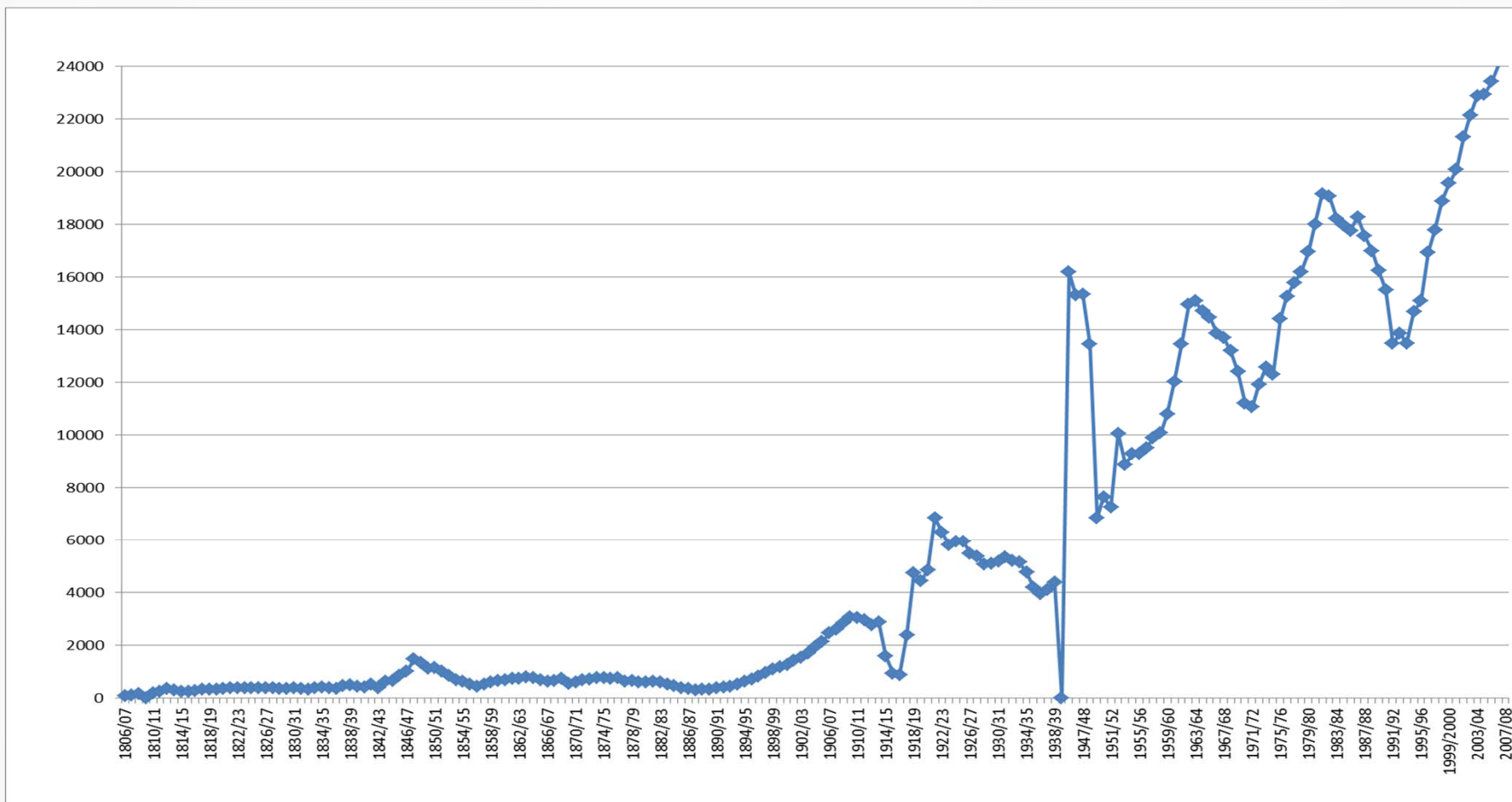


## CTU in Prague

- technical university established in 1707
- best ranking technical university in the country
- 8 faculties
- 176 (in Czech) and 70 (in other languages) study programmes
- 24 000+ students (3 000 international students)
- 1 900 academic staff
- 1 500 non-academic staff
- QS World University Rankings 2014 [rank 411-420](#)
  - Civil Engineering [rank 50 - 100](#)
  - Machinery Engineering [rank 150 - 200](#)



# Number of Students





# Faculty of Civil Engineering

- 5500 students
- Intelligent buildings
- Josef underground laboratory
- Solar school in the Himalayas





# Faculty of Mechanical Engineering

- 2500 students
- Mechanics, biomechanics and mechatronics
- Josef Božek Research Centre of Engine and Automotive Engineering





# Faculty of Electrical Engineering

- 3000 students
- Open electronic systems
- Collaboration with NASA, CNR-China, etc.
- 6th ranked research institution in CZ
- 29% of CTU research outputs





# Faculty of Nuclear Science and Physical Engineering

- 1800 students
- Optics and nanostructures
- The only nuclear science faculty in CZ
- Applied mathematics, physics, computing
- Own faculty reactors:
  - Golem Tokamak (fusion)
  - VR – 1 (fission)





# Faculty of Architecture

- 1700 students
- Architecture, urban planning, design, studio work
- The Research Centre of Industrial Heritage
- Solar Decathlon 2013
  - Overall 3rd place





# Faculty of Transportation Sciences

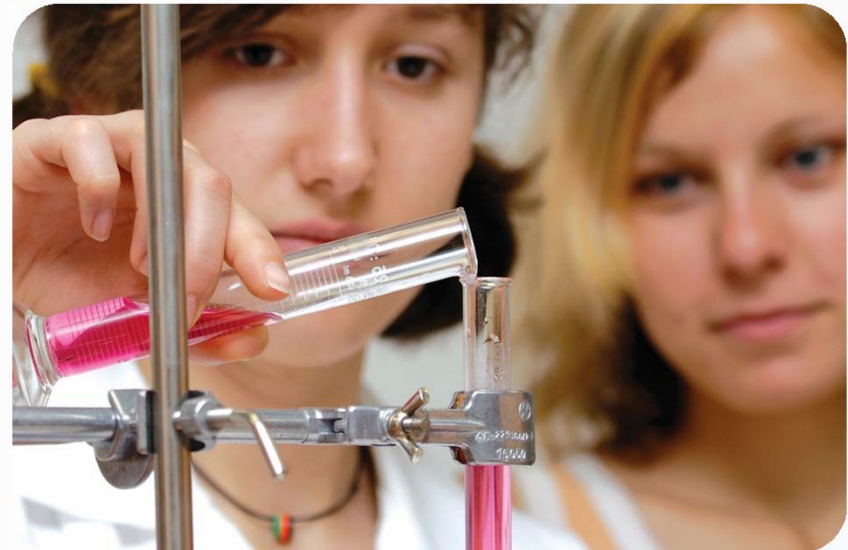
- 1900 students
- International Double degree programmes
  - a. Intelligent transportation systems
  - b. Transportation and logistics systems
- Project oriented education





# Faculty of Biomedical Engineering

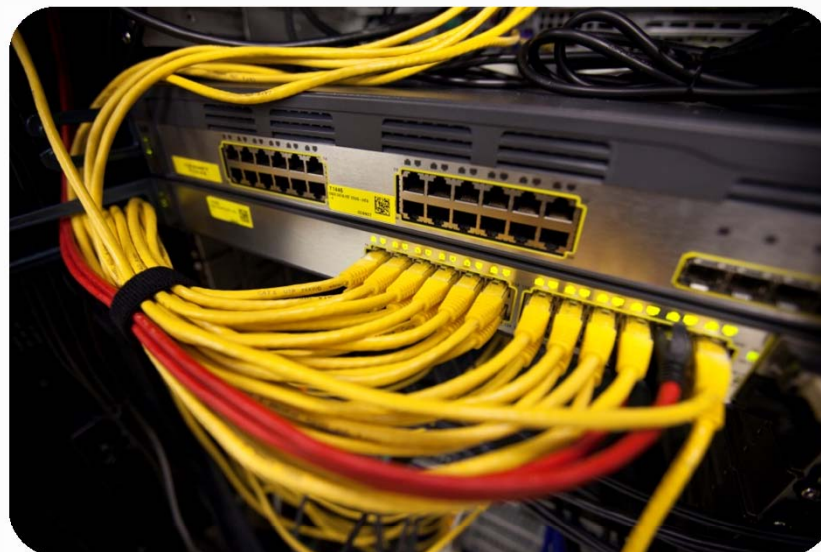
- 1700 students
- Biomedical informatics
- Nanotechnology
- Artificial Lung Ventilation research
- Close collaboration with Central-Bohemian region





# Faculty of Information Technologies

- 2300 students
- Established in 2009
- Computer security
- Software development
- Rapidly growing new faculty





# Higher Education Institutes and other

- Klokner Institute
- Masaryk Institute of Advanced Studies
- Institute of Physical Education and Sport
- Institute of Experimental and Applied Physics
- Czech Institute of Informatics, Robotics, and Cybernetics
- University Centre for Energy Efficient Buildings





## Other Facilities

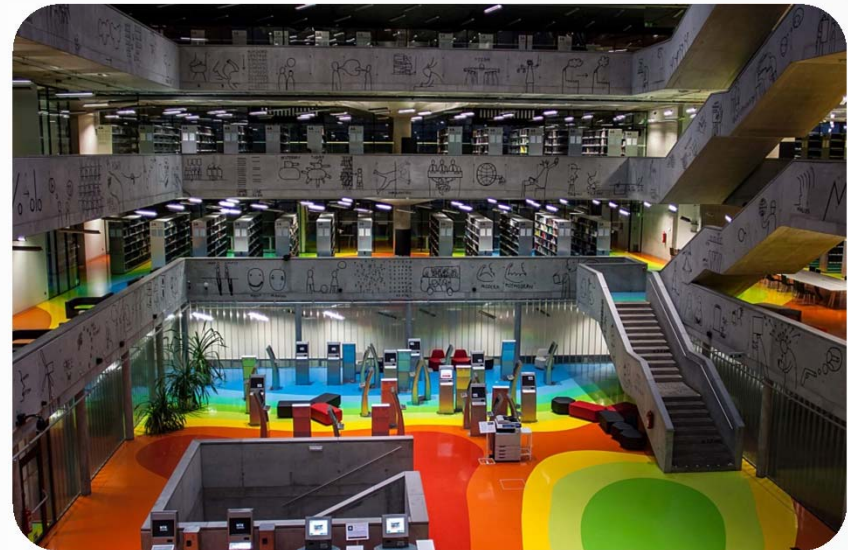
- Business and Innovation Centre
- Computing and Information Centre
- Centre for Information and Counselling Services
- Publishing House
- National Technical Library





# National Technical Library

- Opened 2009
- CTU campus in Dejvice
- University, faculty and department libraries
- Conference and exhibition centre
- Technical literature bookshop





# Service Facilities Administration

- Dormitories – 8 368 beds, services (sports and recreation facilities, high speed internet)
- Canteens – 1 838 495 meals/year





# International Relations

- in English:
  - Courses for exchange students
  - Study Programmes (tuition fees)
- Double /Joint Degree programmes
- International collaboration – 500 agreements, partners in 80 countries
- Collaboration at: CERN, Dubna
- Programmes:
  - Erasmus +, Erasmus Mundus, CEEPUS, Leonardo da Vinci, T.I.M.E., Aktion, ATHENS, Tempus...





# International Student Club

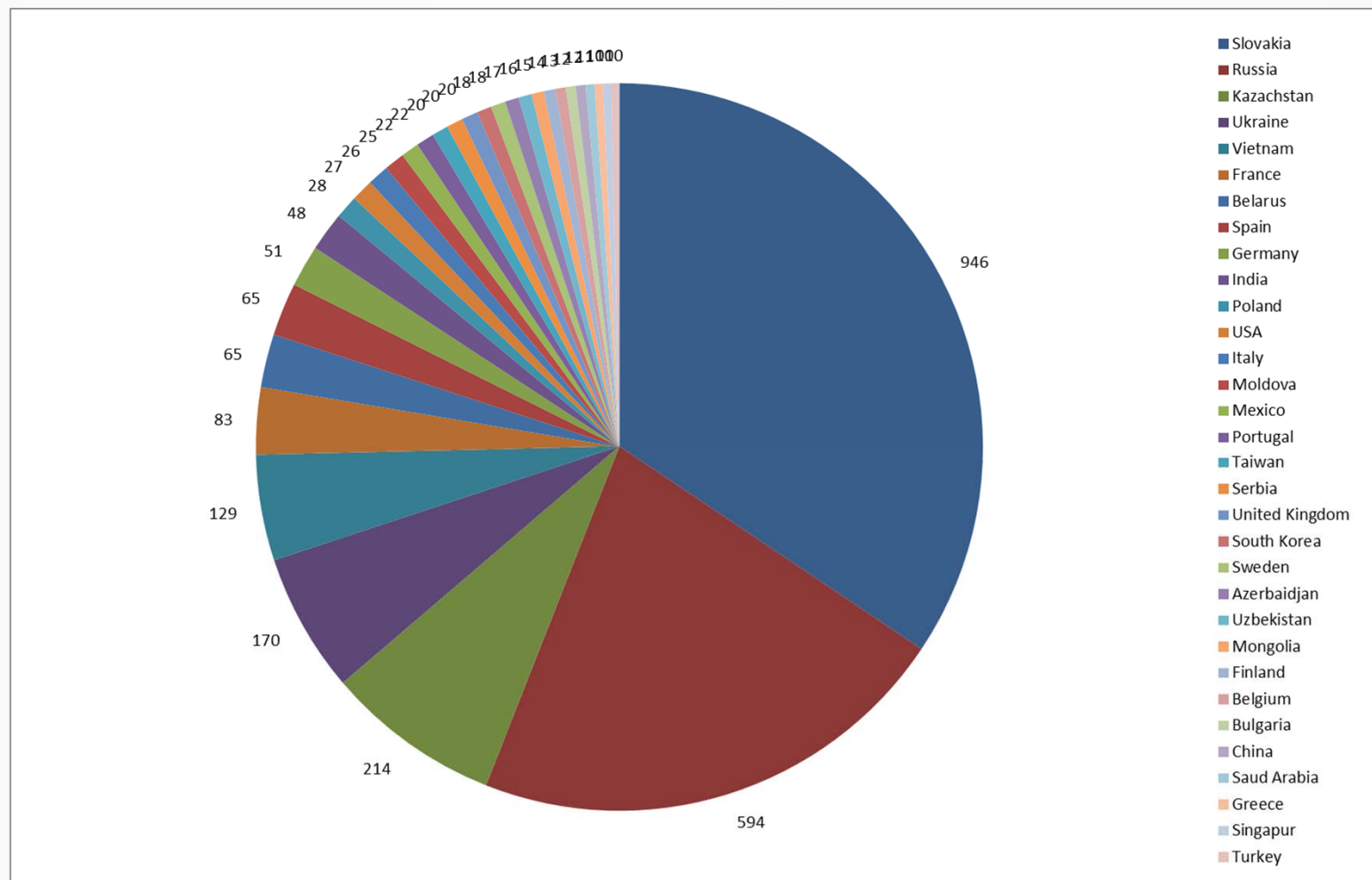
<http://www.isc.cvut.cz/>

- International spirit and community
- BUDDY SYSTEM
- Orientation Week
- Everyday activities for international students
- For Czech students: improvement in English, project management, soft skills
- Close relationship with rectorate of CTU





# International Regular Students





## Welcome in Prague...



...thank you for your attention

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