



AGH University of Science and Technology

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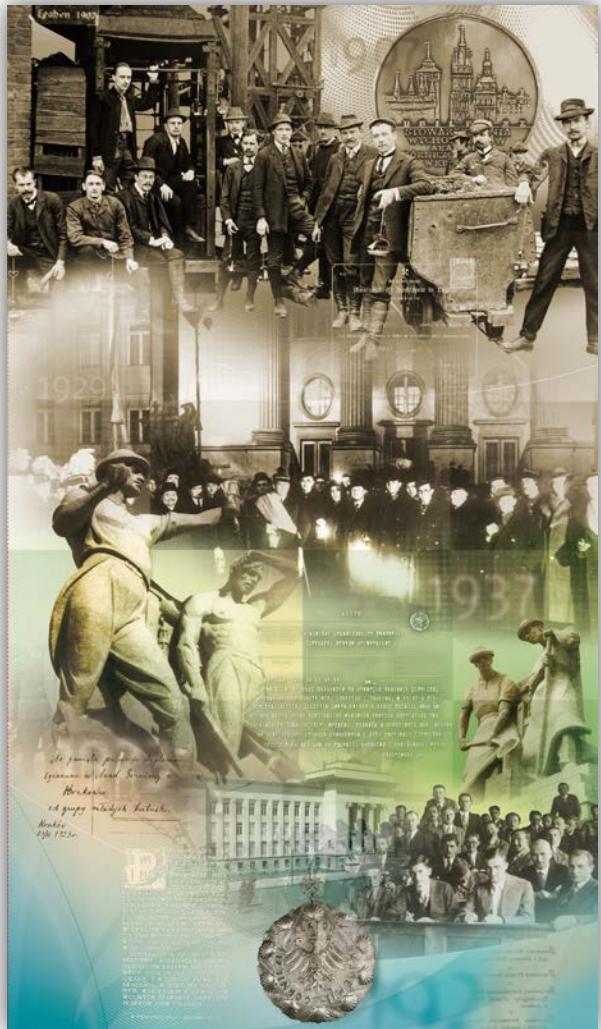
Krakow, 2017

Krakow – city of science and culture

- Beautiful old Krakow: a magic city, and the cultural capital of Poland
- Theatres, galleries, museums – Krakow's charm and magic are captivating
- Academic center, 12 public universities, the oldest Jagiellonian University established in 1364
- Unique atmosphere for over 200,000 students



AGH UST history



In 1913, Emperor Francis Joseph approved the establishment of a higher school of mining in Krakow.

In 1919, Józef Piłsudski, the Head of the State, inaugurated the Academy of Mining.

In 1947, an internal resolution was adopted to change the name to the Academy of Mining and Metallurgy.

AGH UST traditions



Formal inauguration of
the academic year



Miners' festivities (Miner's Day)



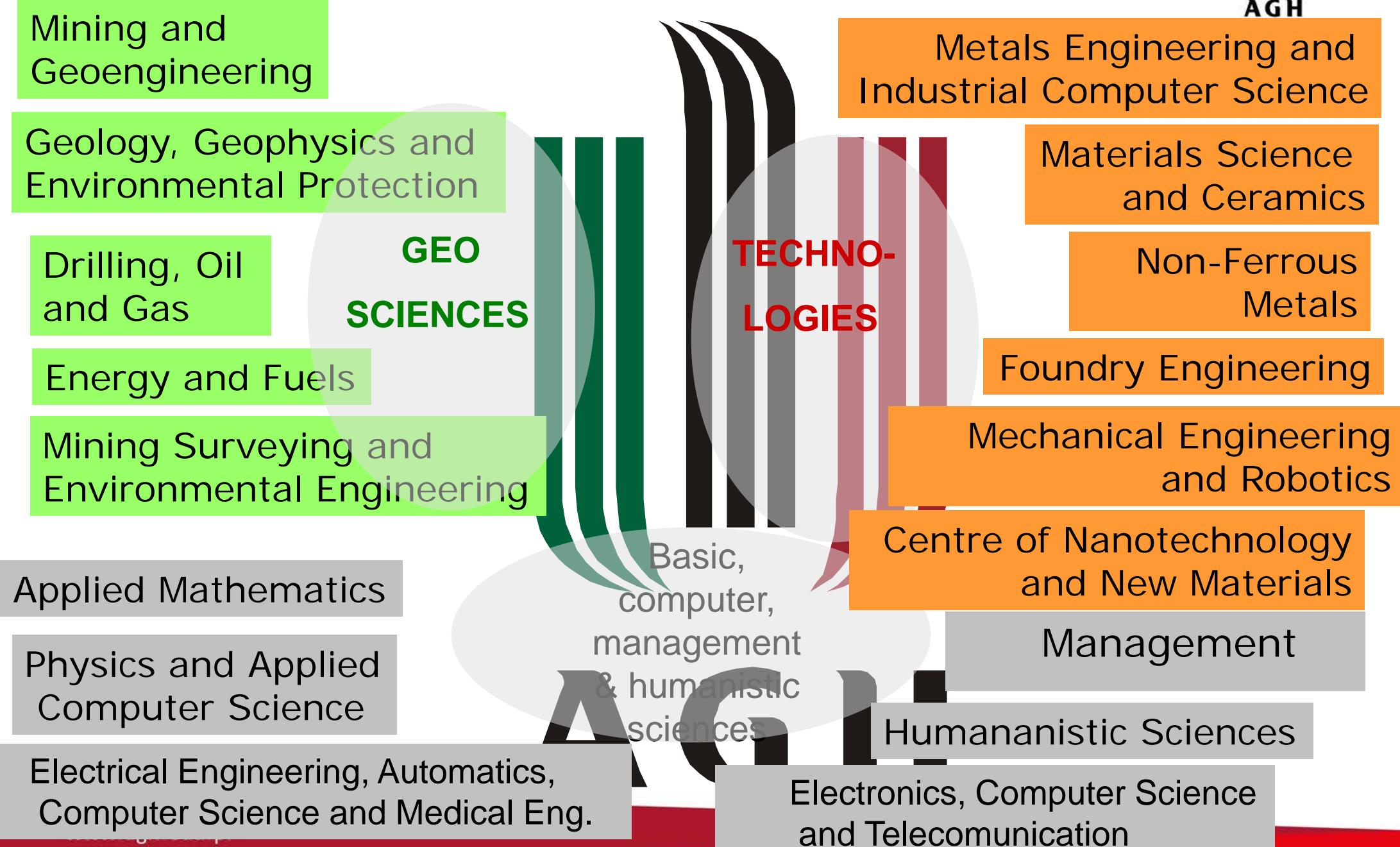
Metallurgists' festivities
(Metallurgist's Day)

Facts and figures



- 16 faculties
- **58 fields of study**
- more than 200 specialisations
- **total number of students: 33,455**
 - full-time students: 25,193
 - part-time students: 5,069
 - doctoral students: 990
 - postgraduate students: 2,203
- over **170,000** graduates
- over **2,000 researchers** including **560** independent research workers

AGH-UST structure



Education structure



**The following courses are available
at AGH UST:**

- **bachelor's degree programme**
(1st cycle)
- **master's degree programme**
(2nd cycle)
- **doctoral studies**
(3rd cycle)
- **postgraduate courses**
(more than 100 disciplines)



Doctoral Programmes / PhD courses

**15 faculties are entitled to confer the doctor's degree
in following disciplines:**

- automatics and robotics
- biocybernetics and biomedical engineering
- chemical technology
- chemistry
- civil engineering
- computer science
- electronics
- electrotechnics
- environmental engineering
- geodesy and cartography
- geology
- geophysics
- machinery construction and exploitation
- materials engineering
- mechanics
- metallurgy
- management science
- mining and geoengineering geology
- production engineering
- physics
- telecommunications



Internationalisation of studies

- 17 fields of study in English
- AGH UST international courses (155 courses)
- the possibility to obtain a double degree
- 420 bilateral agreements within the framework of the LLP Erasmus programme
- "UNESCO Chair for Science, Technology and Engineering Education"



Centre for International Students
www.international.agh.edu.pl

Other forms of study



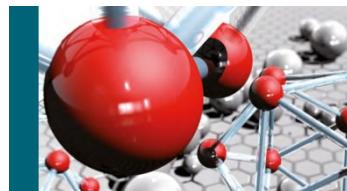
- E-learning
- Studies in English
(BSc, MSc, PhD, MBA, postgraduate courses)
- Open University
- Foundation Year Programmes
- Preparatory courses
- Compensatory education programmes
- Summer courses for foreigner
- Courses and training workshops



Research Subject Areas at AGH UST



Information
Technologies



New Materials
and Technologies



Environment and
Climatic Changes



Energy and
its Resources



Mining



Electrical and
Mechanical
Engineering



Exact and Earth
Sciences



Social-Economic
Sciences and
Humanities



Health and Medical
Engineering

Results of scientific research activity

- **International projects** – 77
- **Domestic projects** – 461
- **Research and innovation:**
 - obtained patents – 127
 - patent pending innovations – 94
- **Licences:**
 - licence agreements – 35

Publications	7554
Books	195
Chapters in books	642
Articles in magazines	3333
Reports and papers	3018

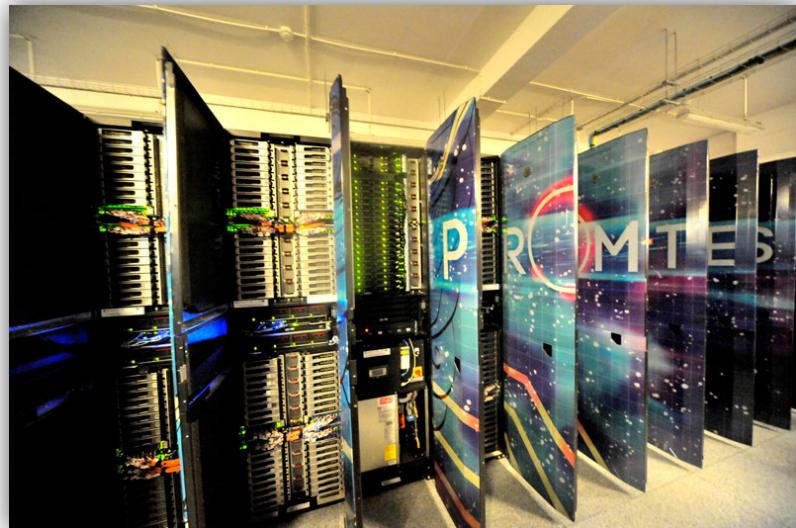


Research projects

Total number:
538



Research and laboratories



Prometheus among 50 most powerful computers in the world



The latest generation analytical electron microscope (S)TEM FEI Titan Cubed G-2 60-300



National and international collaboration

- Collaboration with 250 academic centres in 60 countries (e.g. Vietnam, the USA, Japan, Chile)
- Collaboration with many companies (e.g. IBM, Valeo, Comarch, Motorola, EDF, L.G., Philips, RWE Power AG, Lafarge, Cemex, Delphi, Siemens, KGHM)
- Participation in many research and educational programmes, e.g. LLP ERASMUS, T.I.M.E., SMILE, CEEPUS, VULCANUS, ERASMUS MUNDUS

MOU 244 agreements Spain

1. Barcelona Technical University of Catalonia <http://www.upc.edu/> 2006 na czas nieokreślony
2. Oviedo Uniwersytet w Oviedo <http://www.uniovi.es/en/inicio> 2014 na czas nieokreślony
3. Sevilla Universidad de Sevilla <http://www.us.es/> 1995 na czas nieokreślony
4. Tarragona Universitat Rovira I Virgili http://www.urv.cat/en_contacte.html 2010 na czas nieokreślony
5. Walencja Uniwersytet w Walencji <http://www.uv.es/> 2016 -2020 z możliwością przedłużania
- 6. Zaragoza La Universidad de Zaragoza <http://www.unizar.es/> 2007 na czas nieokreślony**

71 individual egreements between AGH and Spanish universities inside ERASMUS+

Magalhaes Network ?

Internationalisation of studies

Programmes of international cooperation - International Exchange Programmes (IEP)

- Development of foreign language programmes at AGH UST
- Development of "*visiting professors*" programmes at AGH UST
- Using internal and external financial support for "balanced exchange"
- Cooperation with strategic regions (the EU, South Asia, Latin America)



Internationalisation of studies



FORMS OF ACTIVITIES:

- Emphasis on cooperation between educational institutions
 - "double degrees" and international education programmes
(T.I.M.E. membership)
- Special collaboration programmes with international industry
- AGH UST Rector's Fellowship Programme



Infrastructure

Investment in new facilities and projects is crucial for the current activity of AGH UST, as well as its future development.



Infrastructure



**Academic Centre of Materials
and Nanotechnology**



Centre of Energy



Centre of Computer Science



Centre of Ceramics

Infrastructure



AGH UST students campus

**AGH UST Campus –
the biggest campus in Poland**

- 9,000 places for students
- canteens, restaurants, bars, cafes
- hotel services
- medical centre
- security system (CCTV cameras)
- clubs
- radio station
- shopping facilities
- gyms
- nursery school
- modern wireless computer network (WiFi)



Student life



Student life



Unforgettable
atmosphere of
studying ☺



Thank You