



**AKADEMIA GÓRNICZO-HUTNICZA
IM. STANISŁAWA STASZICA W KRAKOWIE**

**AGH UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

INTERNATIONAL COOPERATION
AT
**AGH UNIVERISTY OF SCIENCE
AND TECHNOLOGY**

June 2022

AGH UST INTERNATIONAL COOPERATION at glance

- **288** universities in **62** countries that work with AGH UST under bilateral agreements
- **31** double diploma agreements with universities from e.g.: Finland, France, Japan, Germany, Sweden or Ukraine
- **565** interinstitutional agreements with HEIs from **27** countries within Erasmus+ programme
- **41** universities from **19** non-EU countries that work with AGH UST under Erasmus+ Partner Countries programme
- **185** international projects (education and research)
- **77** agreements with **68** international companies
- **1200** international students

AGH UST IN INTERNATIONAL ORGANISATIONS

selected networks

- EUA (European University Association)**
- IAU (International Association of Universities)**
- SEFI (Société Européenne pour la Formation des Ingénieurs)**
- T.I.M.E. (Top Industrial Managers for Europe)**
- Magalhaes Network**
- KIC InnoEnergy (Knowledge Innovation Community)**
- IROs Forum (International Relations Offices Forum)**
- NAFSA Association of International Educators**

CENTRE FOR INTERNATIONAL AFFAIRS AGH UST

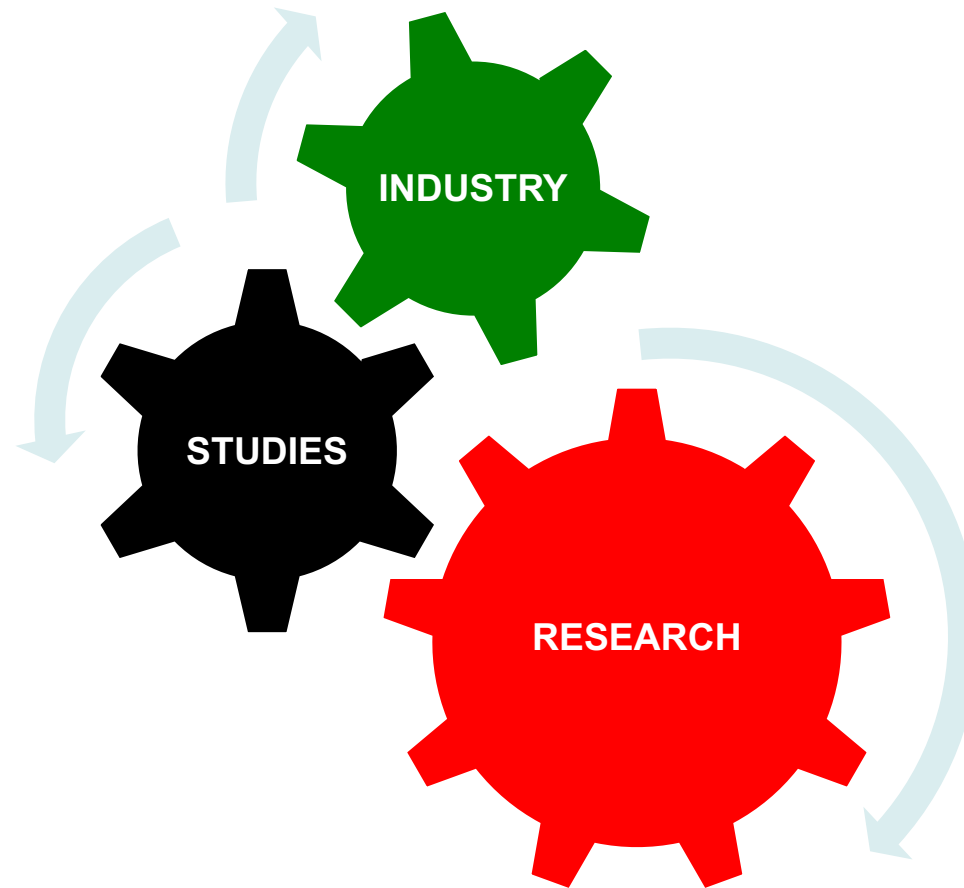
established on May 2022

former Department of International Relations



NEW OPENING FOR INTERNATIONALISATION

INTERNATIONALISATION AT AGH UST



INTERNATIONALISATION OF STUDIES

**1200* international students
(2021/2022)**

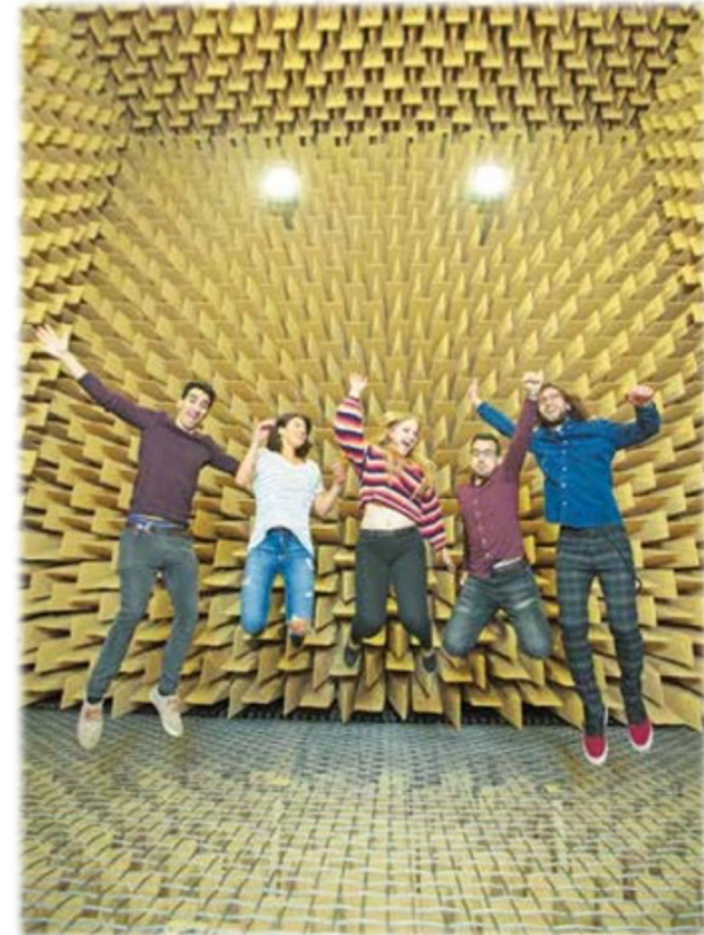


regular studies & exchange programs

*the impact of COVID-19 on student exchange

INTERNATIONALIZATION OF STUDIES

- **21 fields of study in English (BSc, MSc)**
- **the university base of courses in foreign language (AGH UST International Courses > nearly 200 courses)**
- **Department for International Students**
- ***double degrees* and international education programmes (f.ex. T.I.M.E. membership)**
- **internships programmes with international industry**
- **AGH UST Rector's Fellowship Programme**
- **Visiting professors**



INTERNATIONALISATION OF STUDIES

selected exchange programmes

- **Erasmus+**
- **UNIVERSEH**
- **SMILE**
- **CEEPUS**
- **DAAD**
- **Fulbright**
- **Shibaura Institute of Technology**
- **UNESCO**



UNESCO CHAIR FOR SCIENCE, TECHNOLOGY AND ENGINEERING EDUCATION

about 120 fellows annually

UNESCO Chair for Science, Technology, and Engineering Education at the AGH UST is **the first Polish unit** under the auspices of UNESCO, inspiring, coordinating, and supporting the exchange and transfer of engineering knowledge and practice, as well as university-level training in engineering sciences at the international level, especially addressed to **developing countries**.

deadline for documents submission for The Fellowship Programme:
25.07.2022

<http://www.unesco.agh.edu.pl/en/>

INTERNATIONALISATION OF STUDIES

in practice

- **4 T.I.M.E. TECH International Summer School (joint education project with 4 partner universities from Poland, France and Germany under T.I.M.E.)**
- **International Virtual School at AGH UST under SPINAKER programme (4 partner universities from Japan, Vietnam, Ukraine and United States)**
- **Virtual Summer School Entrepreneur in the Raw Materials Industry in Poland (4 partner universities from China, Austria, Hungary and Croatia)**

INTERNATIONALISATION OF STUDIES

UNIVERSEH

The European Space University for **E**arth and **H**umanity

- **established in November 2020** to develop new ways of collaboration in the field of Space, **within the “European Universities Initiative”** by the European Commission
- **alliance of 5 higher education institutions** Université de Toulouse (France), Université du Luxembourg (Luxembourg), Heinrich-Heine-Universität Düsseldorf (Germany), Luleå tekniska universitet (Sweden) and AGH UST (Poland)
- areas of activity (science, engineering, economy, social and human sciences, entrepreneurship and innovation, medicine and culture)



INTERNATIONALISATION OF STUDIES & RESEARCH

Beyond UNIVERSEH

Beyond UNIVERSEH's main ambition is to develop and propose a research policy roadmap for 2035 and a vision for 2050 within the space sector. This roadmap will implement a sustainable, integrated **research and innovation network** within the UNIVERSEH alliance and beyond. Also, Beyond UNIVERSEH will create a shared and collaborative virtual single lab and a research community, spearheading new collaborative and interdisciplinary methodologies, to further enhance Space research and innovation outputs.



INTERNATIONALISATION OF RESEARCH

infrastructure

- over **150** lecture rooms, over **200** rooms designed for practical classes and discussions, over **680** laboratory-type rooms, over **40** conference rooms and theatres
- **Academic Centre for Materials and Nanotechnology** – research unit
- Computer Centre **CYFRONET Prometheus** among 50 most powerful computers in the world
- The latest **generation** analytical electron microscope (S)TEM FEI **Titan Cubed G-2 60-300**

INTERNATIONALISATION OF RESEARCH

Initiative for Excellence – Research University

- AGH UST is among 10 winners of the first competition within the framework of the programme “Initiative for Excellence – Research University”
- the programme is one of the most important initiatives of the Ministry of Education and Science in Poland
- main aim of the programme is to improve the international position and recognition of AGH UST

„Polish Ivy League”



INTERNATIONALISATION OF RESEARCH

European Research Council Grants

1) **ERC STARTING GRANT (first grant from ERC awarded to AGH UST scientist)**

- ❑ Prof. Urszula Stachewicz, Faculty of Metals Engineering and Industrial Computer Science
- ❑ Title: Bioinspired Composites Strategies for Saving Energy / BIOCOM4SAVEN
- ❑ Duration: 1.01.2021-31.12.2025
- ❑ Budget: 1,7 mln EUR

2) **ERC CONSOLIDATOR GRANT**

- ❑ Prof. Piotr Faliszewski, Faculty of Computer Science, Electronics and Telecommunications
- ❑ Title: Pragmatics of Multiwinner Voting: Algorithms and Preference Data Analysis / PRAGMA
- ❑ Duration: 1.06.2021-31.05.2026
- ❑ Budget: 1,4 mln EUR

3) **ERC VP CSA**

- ❑ Prof. Andrzej Jajszczyk, Vice-Presidents of the ERC Scientific Council
- ❑ Title: Support to the Vice-Presidents of the ERC Scientific Council 2021-2022
- ❑ Duration: 1.04.2021-31.03.2023
- ❑ Budget: 0,5 mln EUR

INTERNATIONALISATION & INDUSTRY



79 agreements with **73** international companies f.ex:

IBM, Thales, Riedhammer GmbH, HUAWEI, HSBC, Cisco, ArcelorMittal, Microsoft, ABB, Samsung, Vinacomin etc.

INTERNATIONAL INVENTIONS

good practices

Mayo Clinic, Rochester (USA) & AGH UST

Invention: *Estimating phase velocity dispersion in ultrasound elastography using a multiple signal classification*

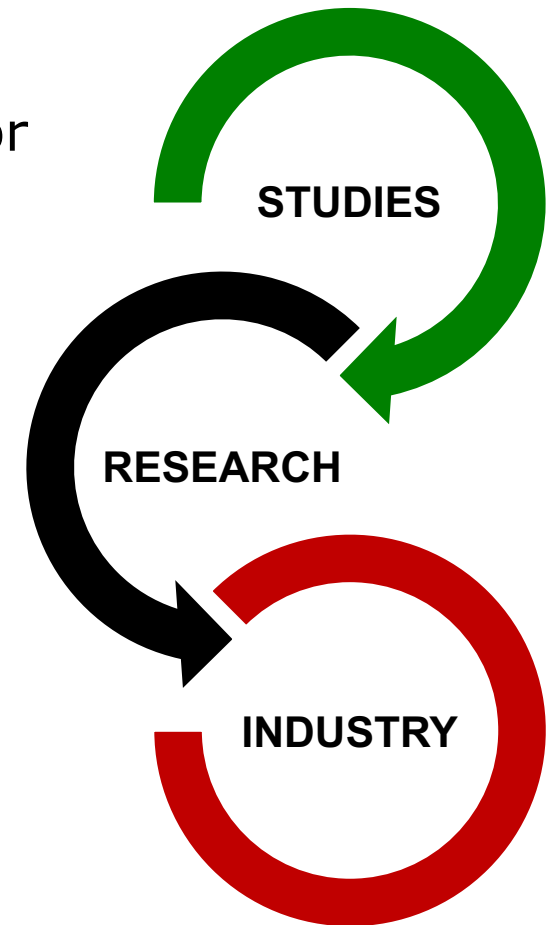
Time: 2020



INTERNATIONAL PROJECTS AT AGH UST

- Education projects (Erasmus+, Visegrad Scholarship, NAWA - Polish National Agency for Academic Exchange, EOG Funds – Education etc.)
- Research projects (H2020, UWERTURA1, KIC InnoEnergy, ERC, Motorola Foundation)
- Internships for students, Implementation Doctorate Programme (Lafarge, CERN)

185 international projects
at AGH UST



COOPERATION WITH AZERBAIJAN

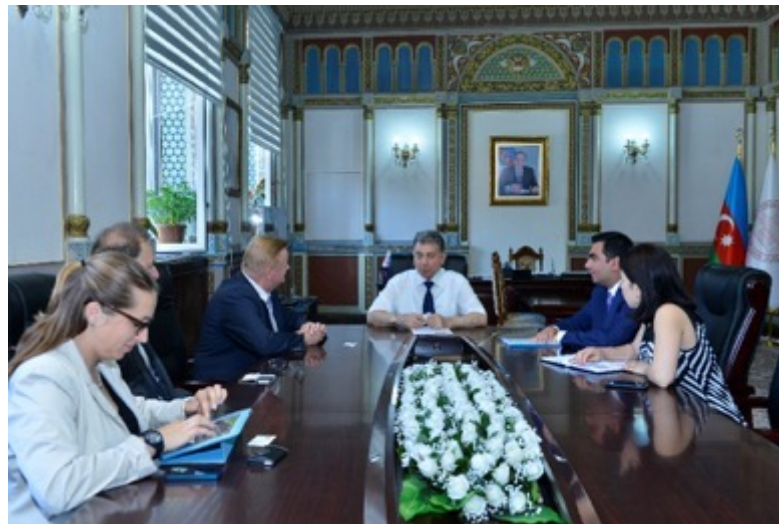
- ❑ General agreement with **Baku Higher Oil School of the State Oil Company of Azerbaijan Republic** – 2014 for an unlimited period
- ❑ **Azerbaijan partner** under SPINAKER programme - Intensive International Education Programs - „Second edition of International Virtual School at AGH UST” starts in 2022



PROGRAM SPINAKER



Visit in Azerbaijan Rector of AGH UST July 2014



Paweł Potocki Monument at AGH UST



Commemorative Plaque in memory of Jusuf Mamedalijew at AGH UST

April 2019

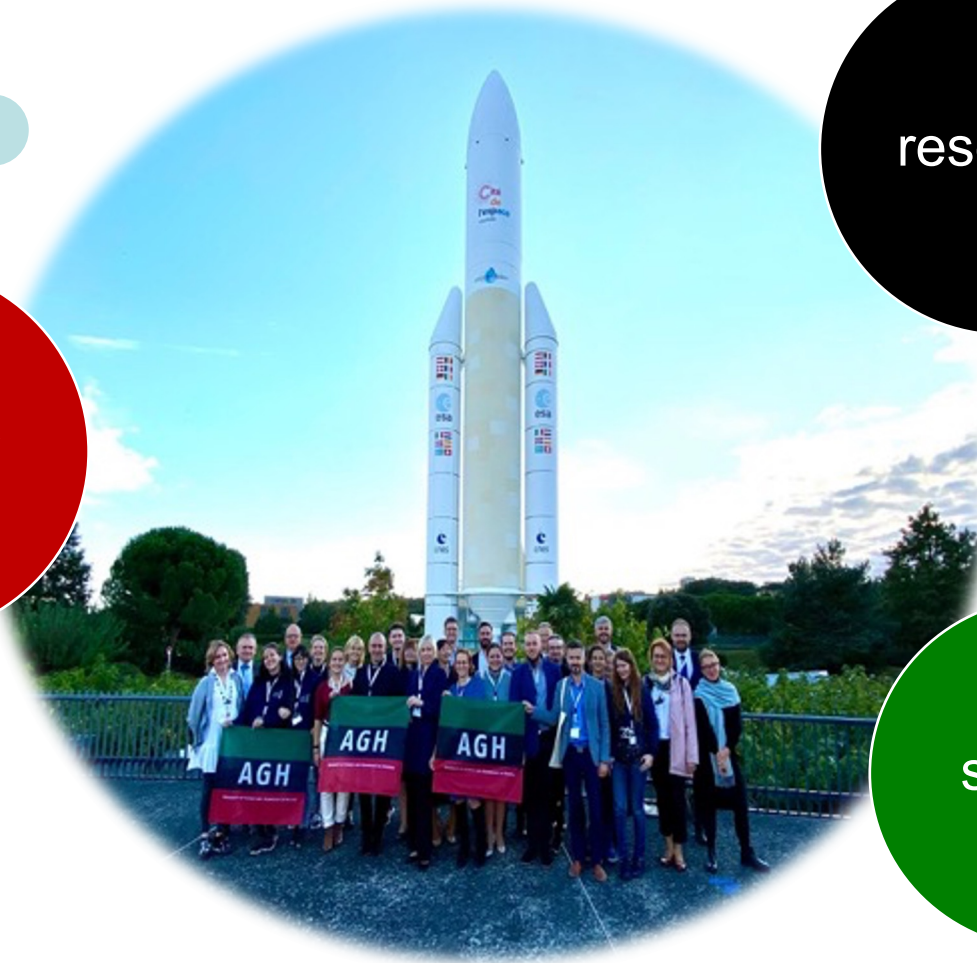


INTERNATIONALISATION AT AGH UST

industry

research

studies



The sky is not the limit!

Thank you for your attention!

Marta Foryś

Director

Centre for International Affairs AGH UST

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