VISIT OF CHUNG-ANG UNIVERSITY DELEGATION 2023

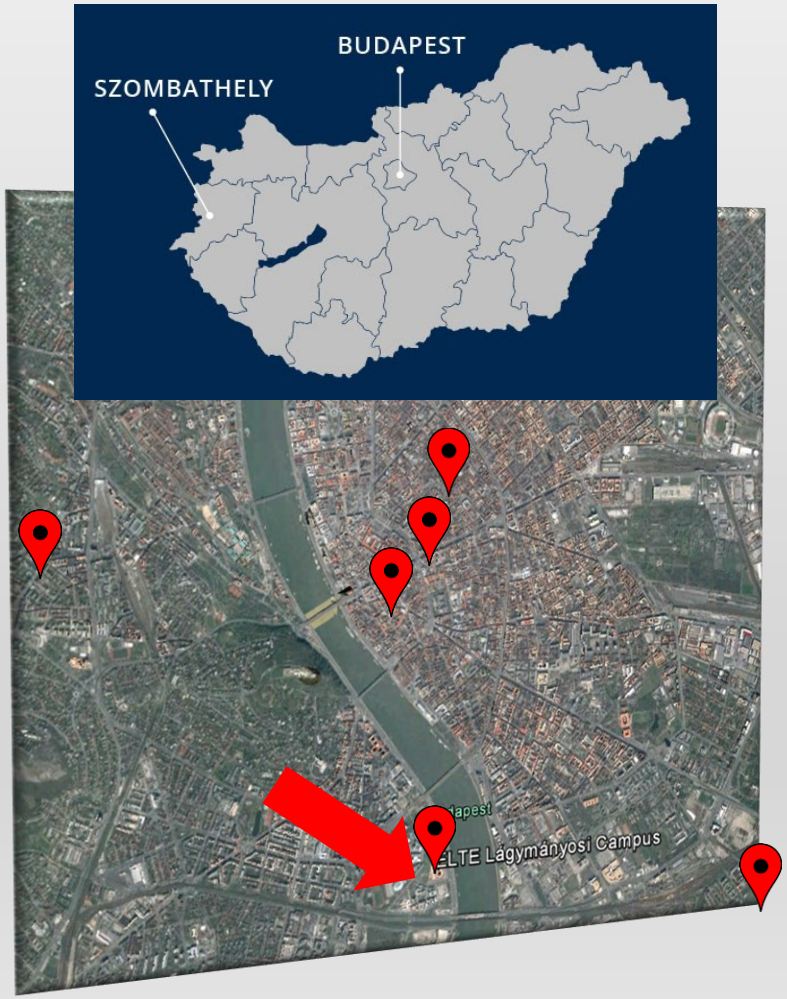
FACULTY OF INFORMATICS

EÖTVÖS LORÁND UNIVERSITY

| Reyes Nunez José Jesús | Vice-Dean for International Affairs |

WELCOME TO ELTE!

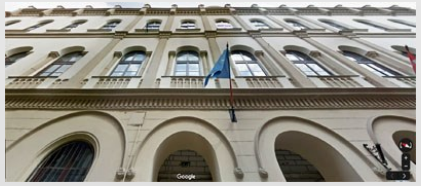
Eötvös **L**oránd University (**T**udomány**E**gyetem)



- Nine faculties in two cities

Faculty of Law

Faculty of Humanities



Faculty of Education & Psychology

Faculty of Primary and Pre-School Education

Faculty of Special Needs Education

Faculties of Sciences, Social Sciences & **Informatics**

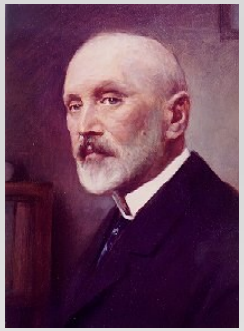
Faculty of Economics

HISTORY OF ELTE

- From its foundation to nowadays…

Foundation	Pest	Budapest	Péter Pázmány	Eötvös Loránd	Faculty of Informatics
1635	1777–1784	1873	1921	1950	2003
Nagyszombat (Trnava, Slovakia)	Royal University of Pest	Royal University of Budapest	Péter Pázmány Royal University	Eötvös Loránd University	Three new faculties

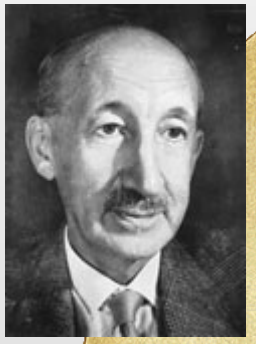
Cardinal Péter Pázmány (1570–1637), Archbishop of Esztergom



Loránd Eötvös physicist (1848–1929)

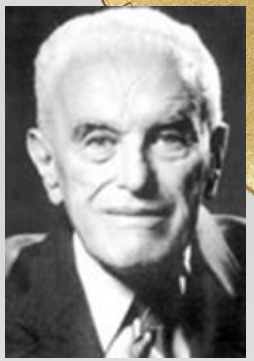
Source - https://www.elte.hu/content/az-egyetem-tortenete.t.4?m=18

ELTE NOBEL PRIZES



György Hevesy, chemist
(Budapest, 1885 –
Freiburg, 1966)

Albert Szent-Györgyi,
biochemist
(Budapest, 1893 –
Woods Hall, USA, 1986)



János Harsányi,
economist - philosopher
(Budapest, 1920 –
Berkeley, 2000)

Fülöp Lénárd, physicist
(Bratislava, 1862 –
Messelhausen, 1947)

György Békési, biophysicist
(Budapest, 1899 – Honolulu,
1972)

WELCOME TO ELTE!

Eötvös **L**oránd University (**T**udomány**E**gyetem)

- 2022 – 35 870 students (4650 foreign /128 countries) & 4370 employees
- 50 BSc degrees
- 120 MSc degrees
- 17 PhD Schools
- 128 PhD Programs

FACULTY OF INFORMATICS

- Since 2003…
- 3 296 students, 166 teaching & 42 adminis-trative staff

SAVARIA INSTITUTE of TECHNOLOGY | SMI.INF.ELTE.HU

STUDIES

- Computer Science BSc
- Mechanical Engineering BSc

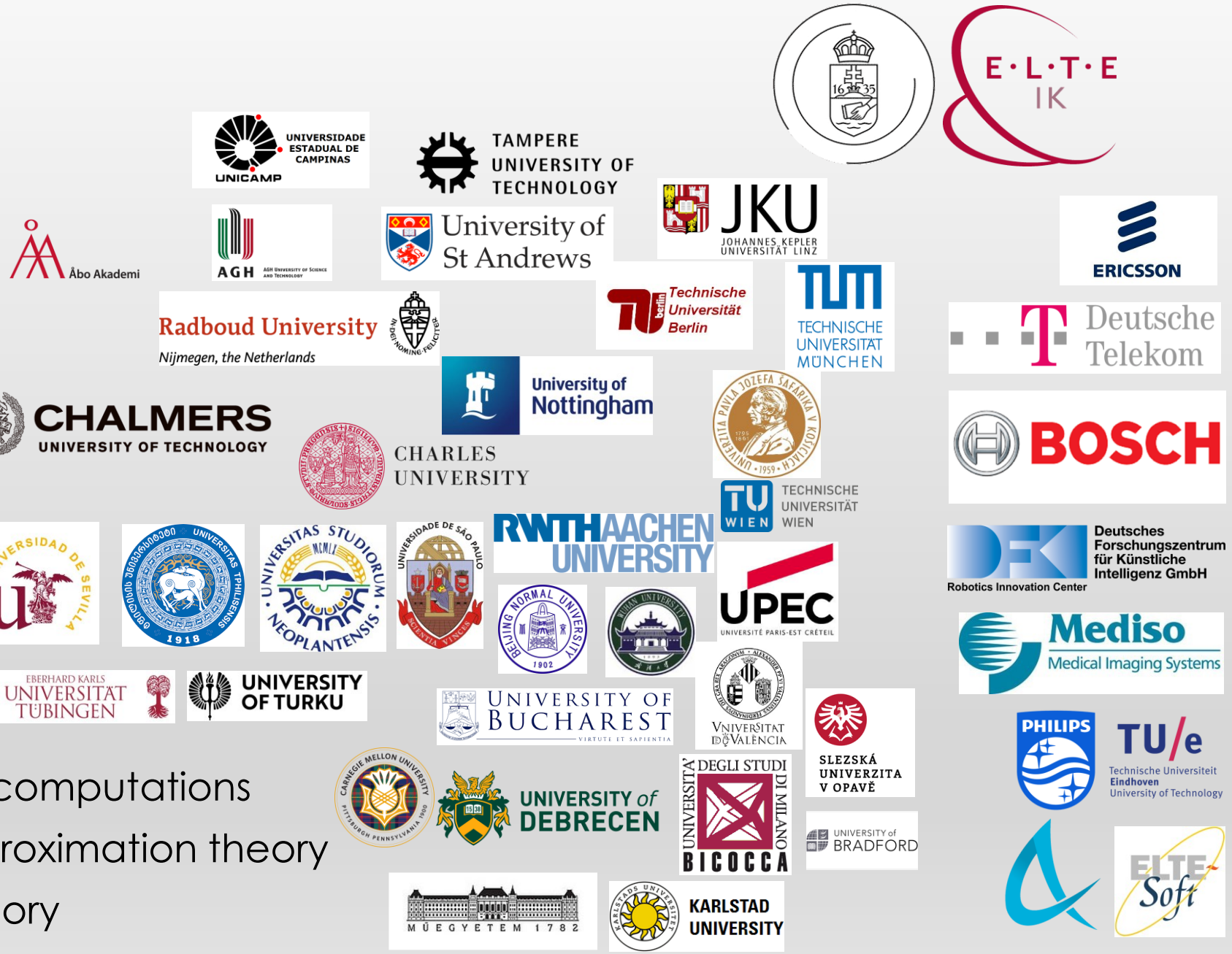
- Computer Science MSc
- Computer Science for Autonomous Systems MSc
- Cartography MSc
- Geoinformatics MSc (from September 2024)

- PhD studies

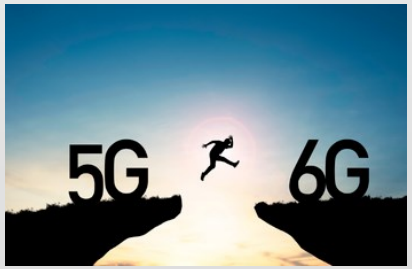
RESEARCH

Focal points on research:

- Software technology
- Programming languages
- Data Science
- Artificial Intelligence
- Autonomous Systems
- Cybersecurity
- Computer networks
- Geoinformatics
- Mechanical Engineering
- Unconventional models of computations
- Harmonic Analysis and approximation theory
- Computational number theory



RESEARCH



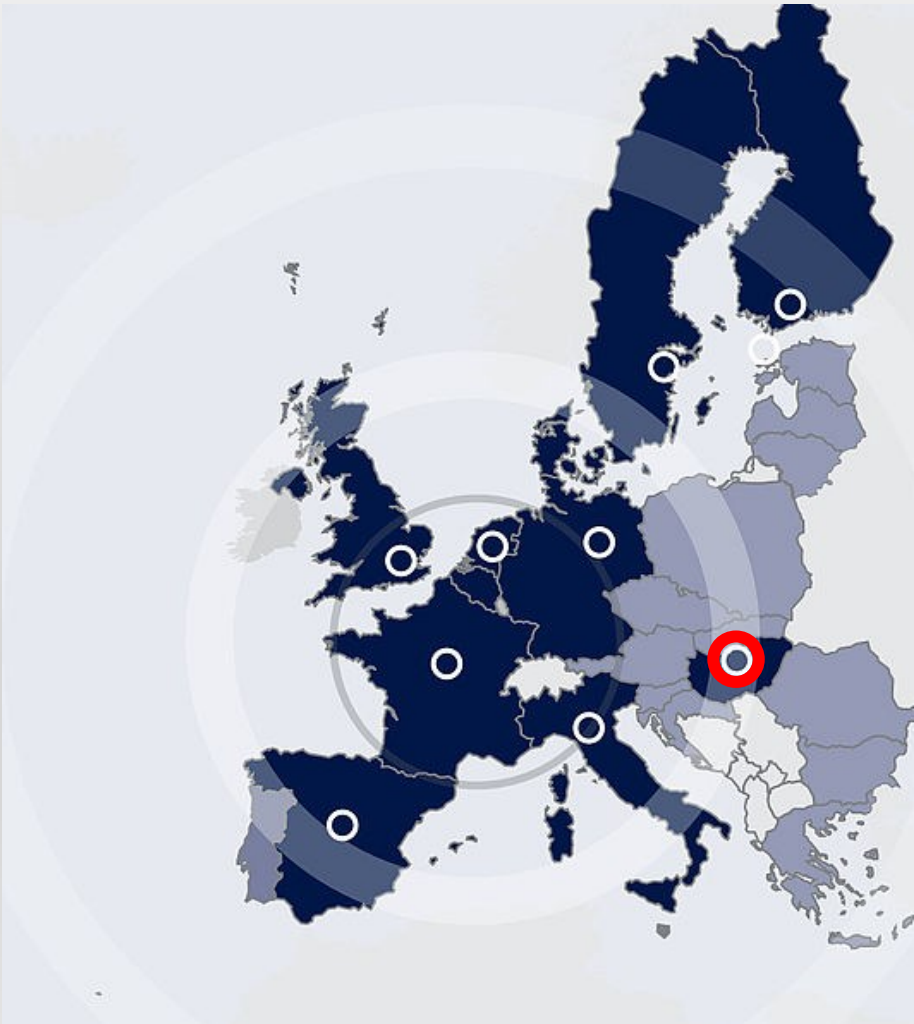
Ongoing research projects:

- Competence Centre for **Software and Data-Intensive Services**
- **DESIRE6G** - Deep Programmability and Secure Distributed Intelligence for Real-Time End-to-End 6G Networks
- **Artificial Intelligence** National Laboratory
- **MOBOT** - AI supported automatic warehouse storage system
- **Thematic Excellence** Programme 2021 - National Defence, National Security Subprogramme
- **QNL** - Quantum Information National Laboratory
- **DigitalTech EDIH** - Cybersecurity and digital competencies
- **QCI** - Deploy Advanced Quantum Communication Infrastructure (QCI) in Hungary
- **FoodMAPP** - Promoting short food supply chains; food security; business development and reduction in food waste
- **EIT DIGITAL CLC** - Strengthening the EIT Digital Knowledge and Innovation Community in Hungary
- **InnoChange** - Driving Change and Capacity Building Towards Innovative, Entrepreneurial Universities
- **Data EDIH** - Hungarian DATA EDIH

EIT DIGITAL MASTER SCHOOL

https://masterschool.eitdigital.eu/

- Locations: Brussels, Berlin, Budapest, Eindhoven, Helsinki, Madrid, London, Paris, Stockholm, Trenton, Silicon Valley Hub
- BUDAPEST CO-LOCATION CENTRE (NODE) at ELTE (Info Park)



EIT DIGITAL MASTER SCHOOL

- Participants in Budapest Node: Eötvös Loránd University (ELTE), University of Technology and Economics (BME), Ericsson Hungary, Magyar Telekom, OTP, MTA-SZTAKI, E-Group, Evopro, Campden BRI, Nokia Hungary, eBiz, ELTE-Soft, Tungsram, Bosch, MOL

EIT DIGITAL MASTER SCHOOL

Master's Programme in ICT Innovation (double degrees):

- Autonomous Systems
- Data Science
- Cyber Security
- Financial Technology

CHARM-EU UNIVERSITY ALLIANCE

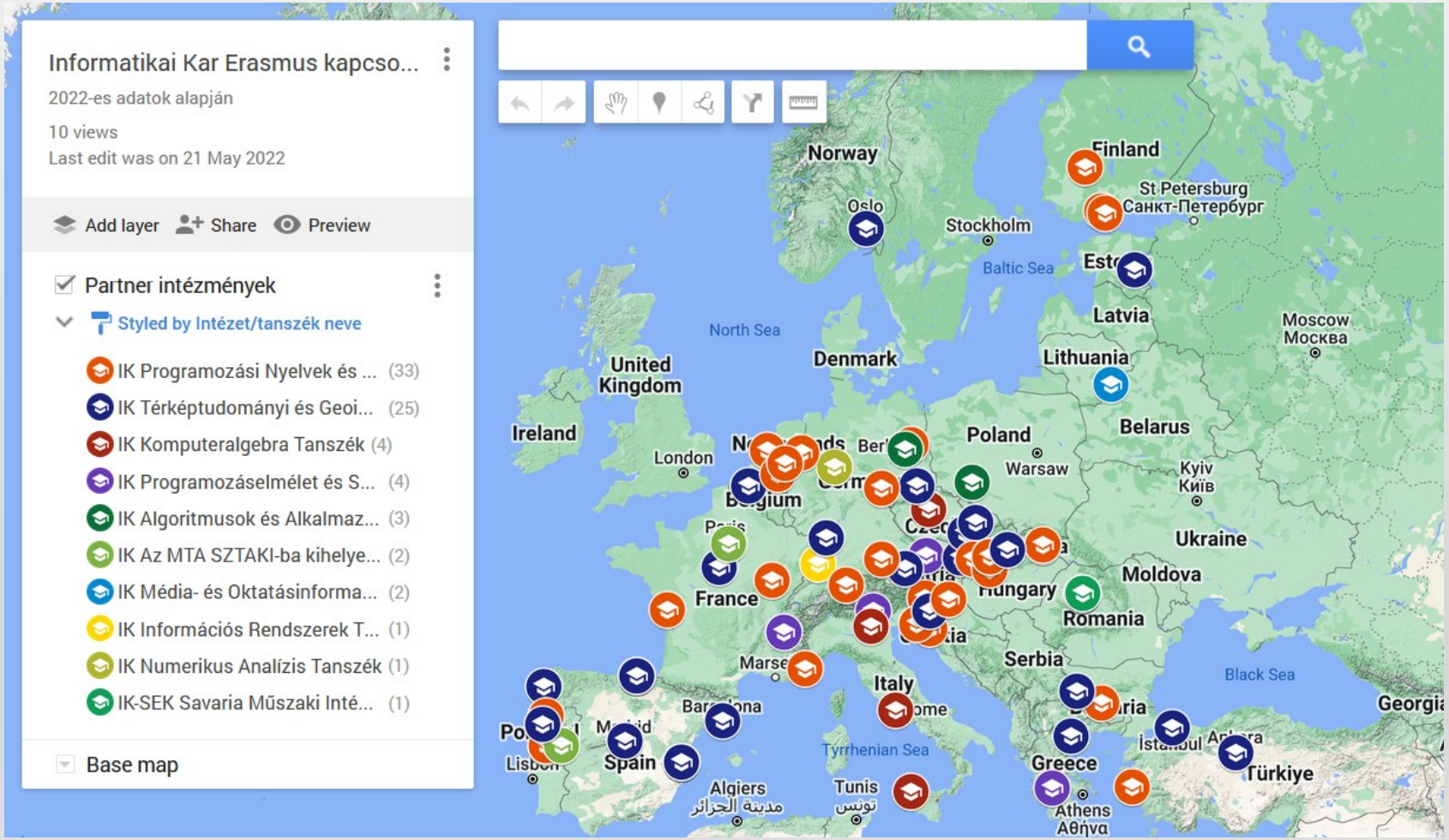
CHARM-EU

CHallenge-driven
Accessible
Research-based
Mobile
European
University

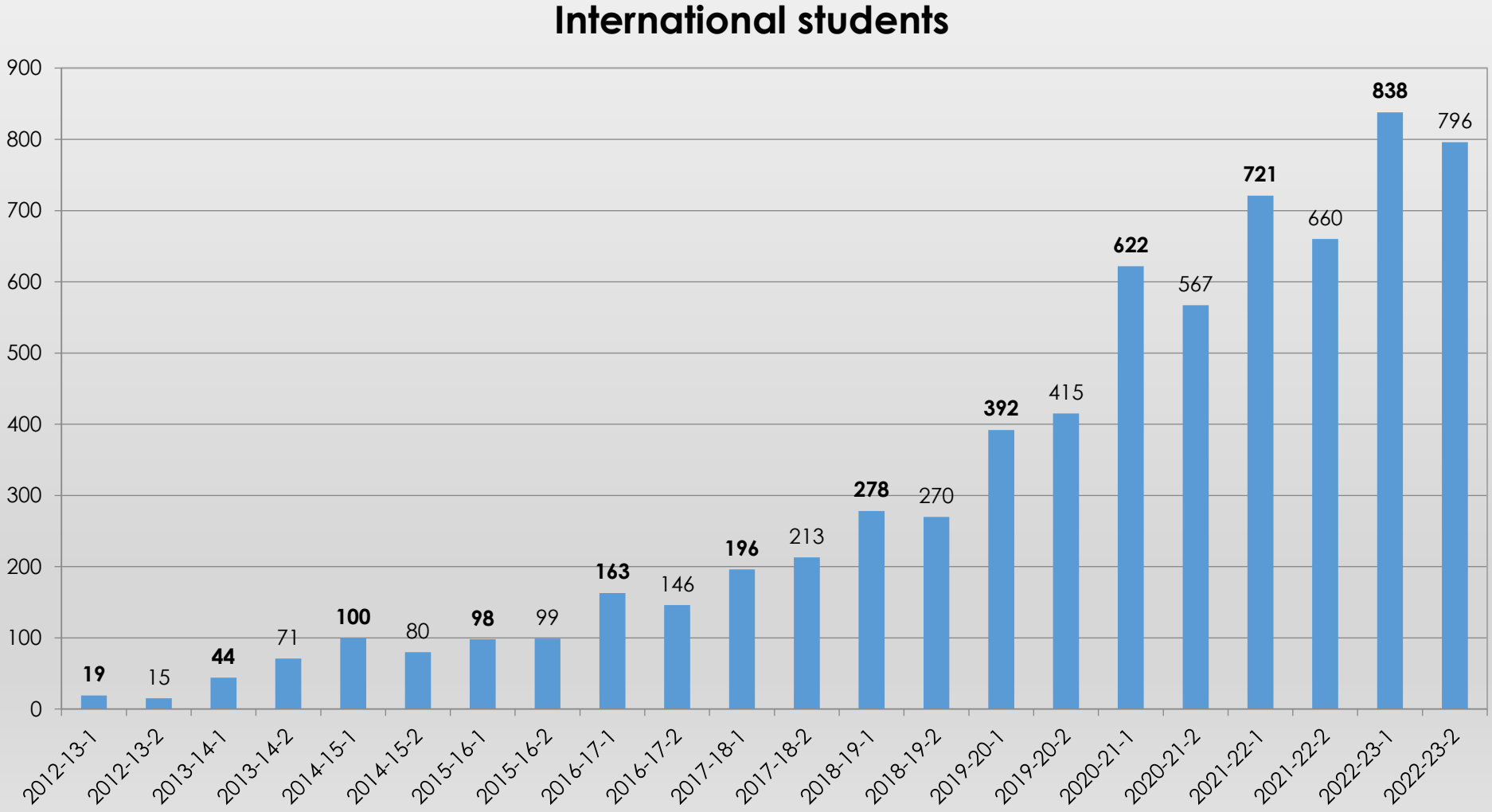
- Founding member of the CHARM-EU European University Alliance
- Members: University of Barcelona - Trinity College Dublin - Utrecht University - University of Montpellier - Eötvös Loránd University - Åbo Akademi University - University of Würzburg - Ruhr West University of Applied Sciences
- First internationally accredited Master's degree: Global Challenges for Sustainability

INTERNATIONAL AREA

- More than 60 Erasmus partner universities in 20 countries
- Coordination of a CEEPUS network with 17 partner universities
- Member of a CEEPUS network with 14 partner universities



INTERNATIONAL AREA



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