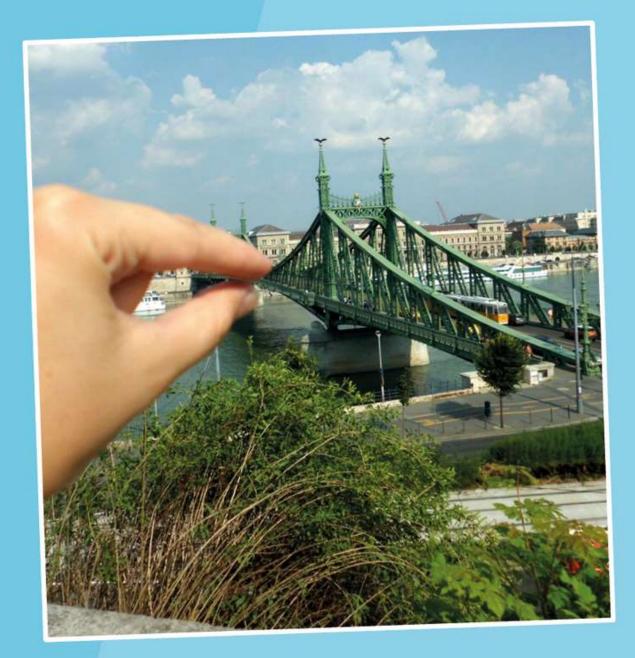
# ACADEMIC AND RESEARCH OPPORTUNITIES IN HUNGARY





# THE NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE 2023

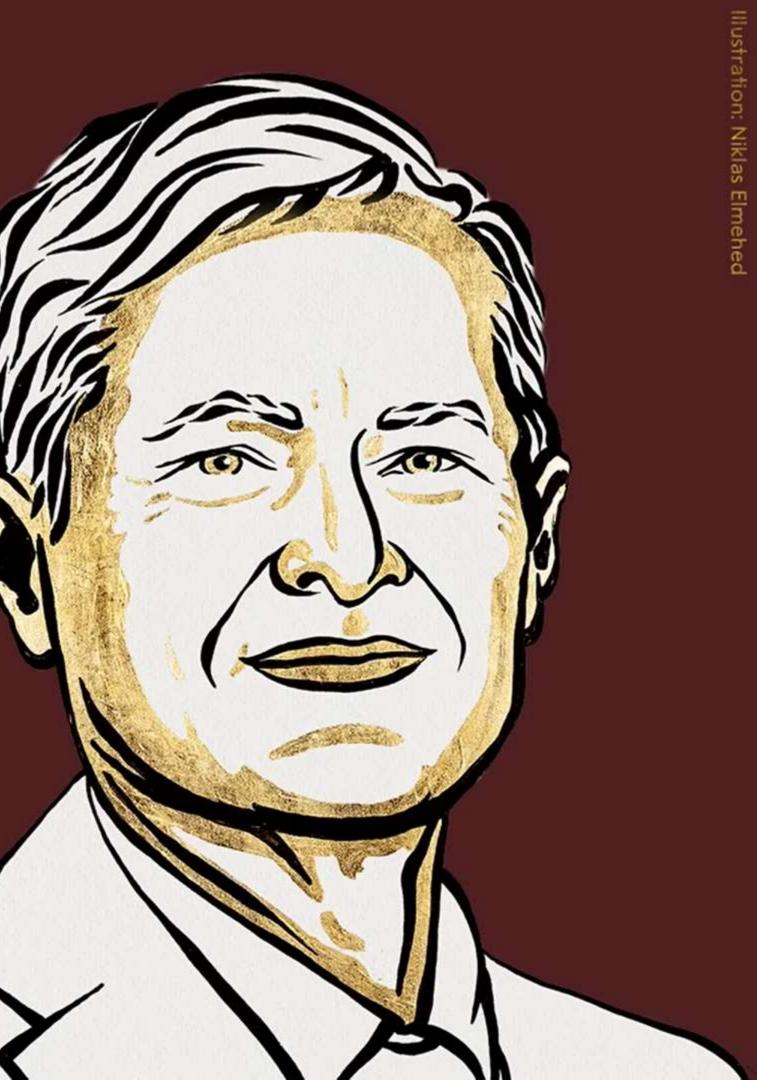
Interview with Katalin Karikó



# THE NOBEL PRIZE IN PHYSICS 2023

Interview with Ferenc Krausz







POPULATION: 10 MILLION LANGUAGE: HUNGARIAN



290.000 STUDENTS 30% INTERNATIONAL



PART OF THE EUROPEAN UNION AFFORDABLE LIVING COSTS



NO VISA REQUIRED FOR BRAZILIANS TO ENTER HUNGARY



### 1 BRL = 72 Hungarian forint







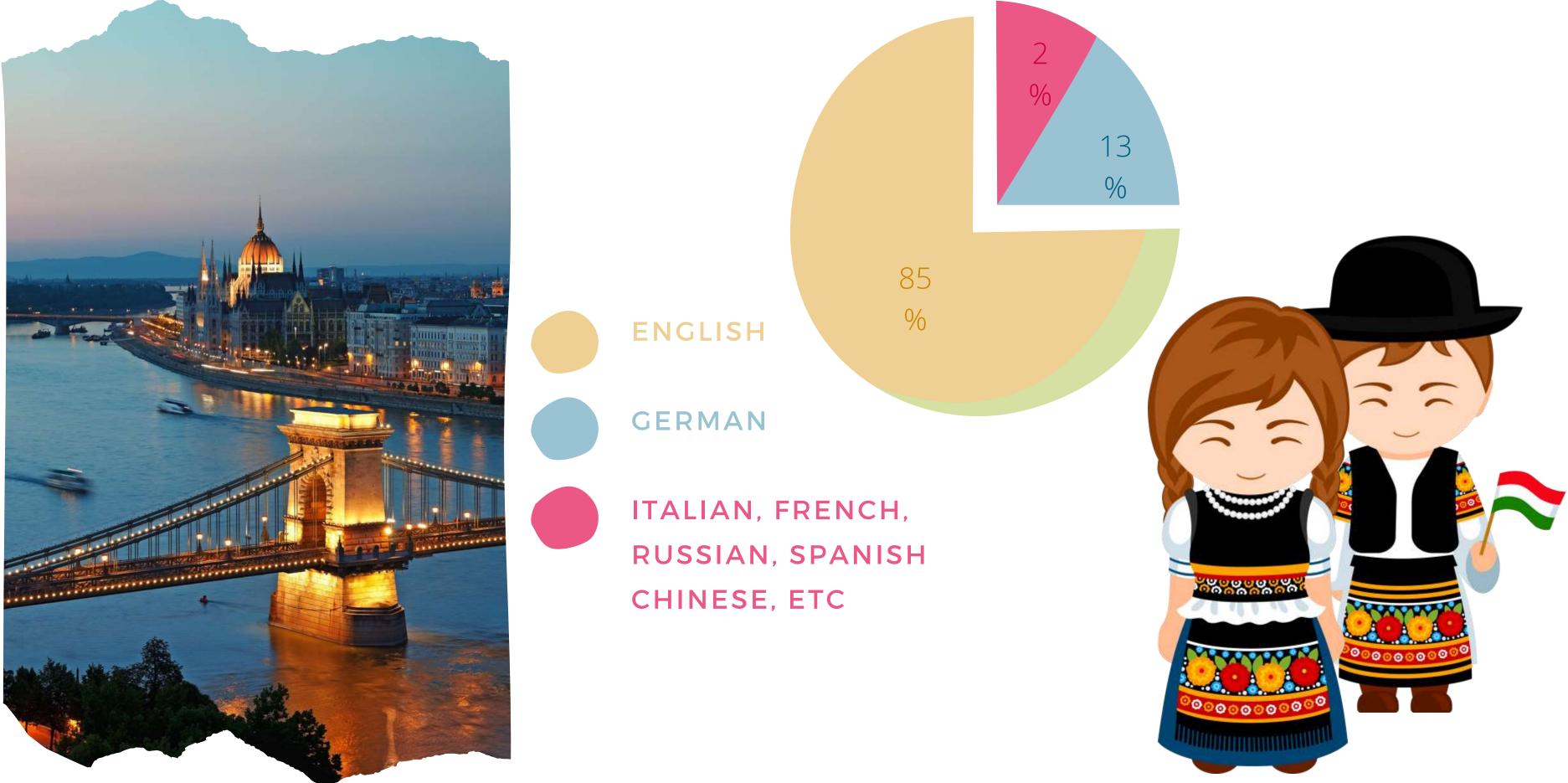
Miskolc

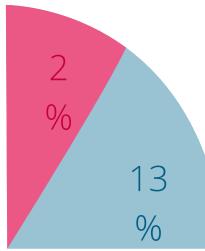
### DEBRECEN



Debrecen

### LANGUAGE OF STUDY PROGRAMMES OFFERED FOR INTERNATIONAL STUDENTS





## POSTGRADUATE SPECIALIST TRAINING COURSE 1-2 years

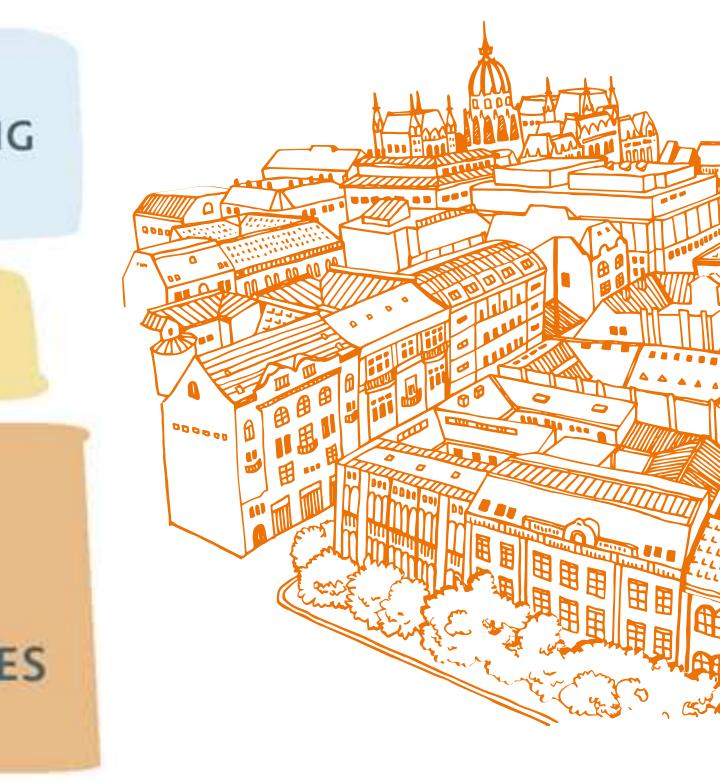
**HIGHER-LEVEL VOCATIONAL TRAINING** 2 years

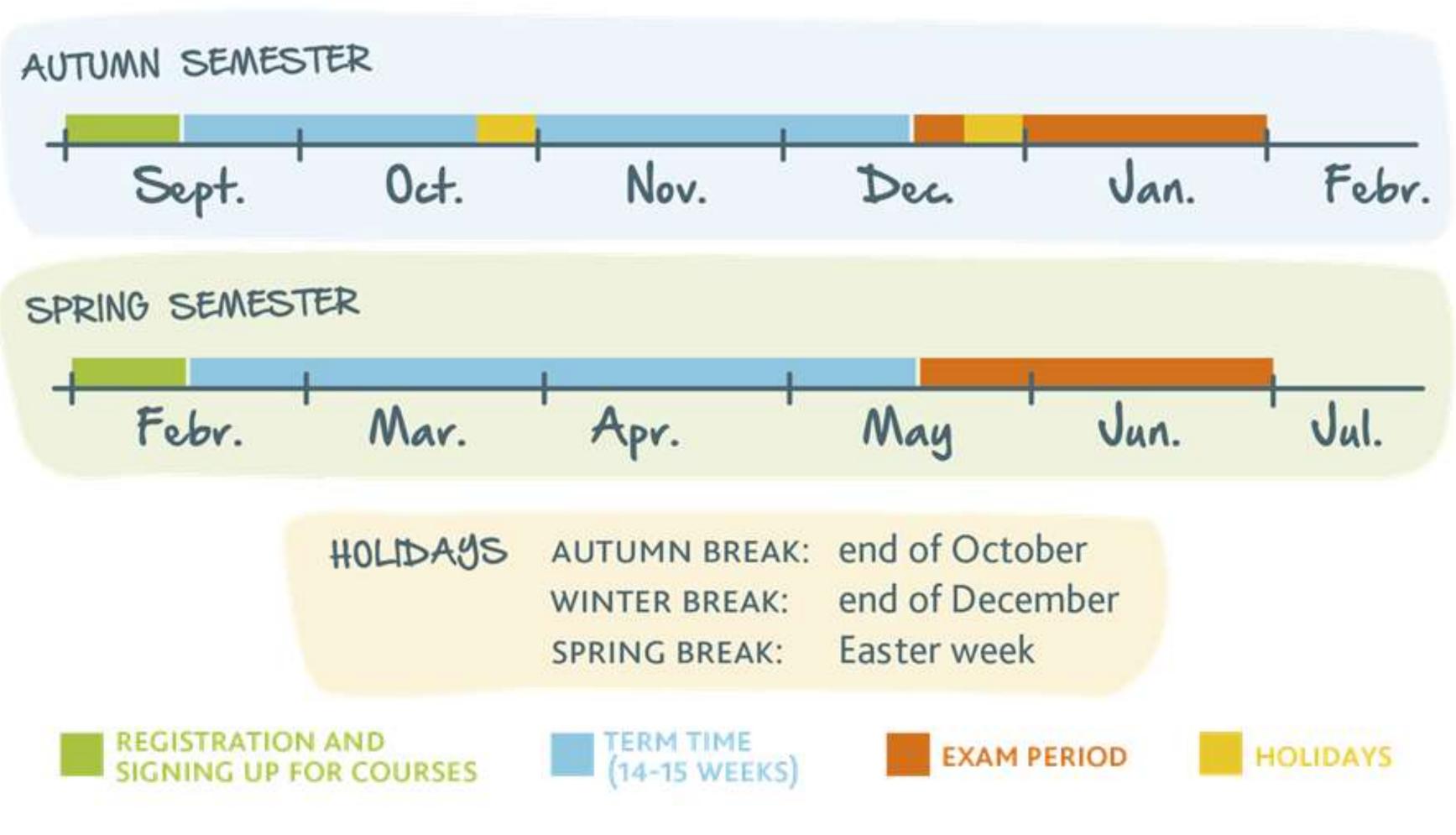
DOCTORATE COURSE (PHD/DLA) 2+2 years

MASTER'S DEGREE 1-2 years

**BACHELOR'S DEGREE** 3-4 years

UNDIVIDED MASTER'S DEGREE PROGRAMMES 5-6 years





#### **STUDENT JOB POSSIBILITY**



According to Hungarian law a student is entitled to have either a full-time (8 hours) or a part-time job (4 or 6 hours), however scholarship contracts may control the conditions under which a student can work.

 The minimum wage for unskilled work for 8 hours per day is around 430 EUR while the salary is approximately 560 EUR for skilled jobs.

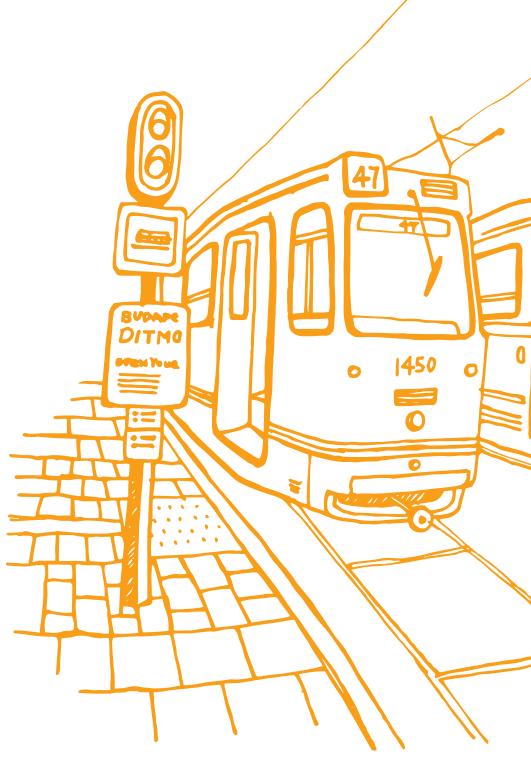


# Stipendium Hungaricum scholarship

The Programme was launched in 2013 by the **Hungarian Government** and aims to support international students conducting studies in Hungarian higher education institutions.

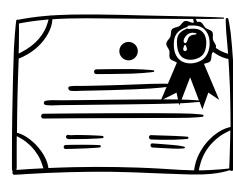
The Hungarian coordinating agency is Tempus Public Foundation, the Brazilian partner is CAPES, MEC.

# STIPENDIUM HUNGARICUM

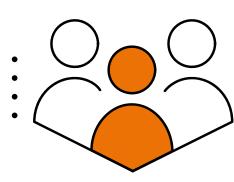












**31** Hungarian universities offfering scholarships for undergradute, graduate and doctoral studies

More than 550 full degree and part-time programs in English

**Over 90** sending countries in 5 continents

More than 9000 scholarship holders in Hungary

# SCHOLARSHIP ALLOWANCES



**TUITION-FREE EDUCATION** 





### **MONTHLY STIPEND** ACCORDING TO LEGISLATION



- Bachelor/Master: HUF 43 700 (~800 BRL) / month
- Doctoral: HUF 140 000 (~2500 BRL) for the first 4 semesters of education and HUF 180 000 (~3300 BRL) for the second 4 semester



### ACCOMMODATION

- In dormitory or
- contribution of HUF 40 000 (~ 750 BRL) / month

## MEDICAL **INSURANCE**

### **STUDENT SERVICES**

- intercultural assistance
- mentoring system
- alumni system

### **AVAILABLE SCHOLARSHIP TYPES FOR BRAZILIAN APPLICANTS**

#### Full degree bachelor studies:

Agriculture, Engineering, Natural Sciences, Sport, Social Sciences, Arts

### Full degree master studies: Agriculture, Engineering, Natural Sciences, Sport, Social Sciences, Arts

**Full degree doctoral studies:** In any field of interest

**Partial studies:** Levels and fields of study as specified above

### **Priority will be given to applicants** applying for the following institutions:

- **Economics**
- University of Debrecen
- Eötvös Lorand University
- Óbuda University
- Szent István University
- Corvinus University of Budapest
- University of Pécs
- Semmelweis Medical University
- University of Miskolc
- University of Szeged
- Hungarian University of Fine Arts
- MFA Balassi Institute

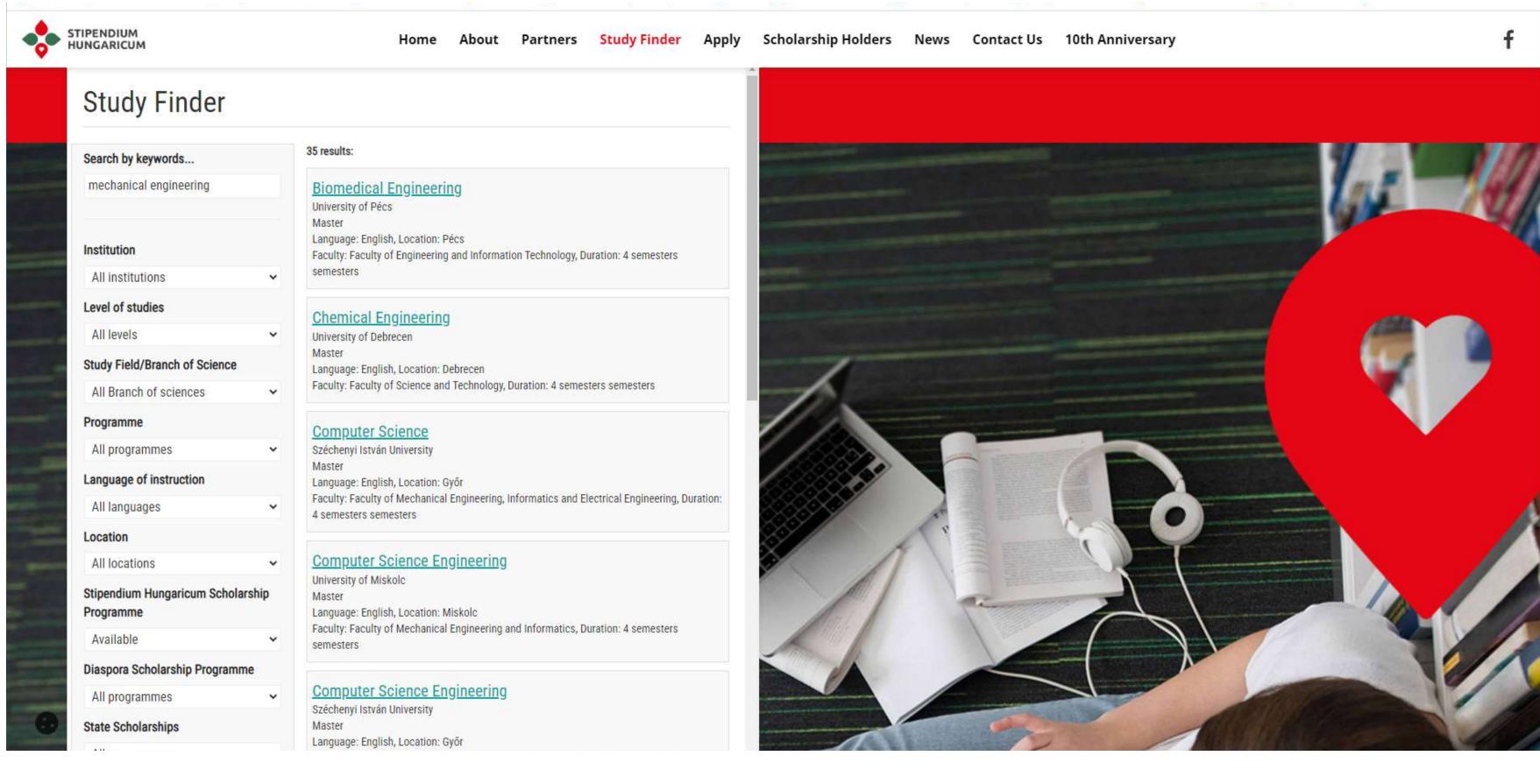
• Budapest University of Technology and

### **STIPENDIUM HUNGARICUM WEBSITE**

STIPENDIUM HUNGARICUM



### **STIPENDIUM HUNGARICUM WEBSITE**





## JANUARY

Submitting application for Tempus Public Foundation and CAPES (MEC)

## FEBRUARY

Technical check and nomination from CAPES

### MARCH-MAY

University admission procedure

## MIDDLE/END OF JUNE

Notification about the results

## JUNE-JULY

Preparing for the journey (passport!)

## UNTIL 30 SEPTEMBER

Arrival to Hungary







# **RESEARCH IN HUNGARY**

HUNGARIAN RESEARCH NETWORK



Five key themes of strategic importance have been identified to advance HUN-REN's mission and support the achievement of its goals. These themes correspond to the major research directions of the HUN-REN research sites and align with the priority areas of the EU's Horizon Europe research and innovation program.



#### Digitalization

Mathematics, physics, chemistry, computer science, IT, quantum technology, automatization, digitalization.



#### Energy

The research fields of material structure, energy, space research, nanotechnology.

Read more >



#### **Environment and Safety**

Fields of environment, climate change, ecology, agriculture, food safety.

Read more >

Read more >



#### Human Resources

Fields of society, economy, history, archaeology, humanities and language.

#### Read more >





#### Health

Fields of pharmaceutical research, molecular biology, microbiology, neurobiology, psychology.

Read more >

#### **26 HUNGARIAN NATIONAL LABORATORIES**



National Laboratories Programme

Laboratories Ne

News and Press

Events

## **Fields of Operation**







### NATIONAL LABORATORIES – HEALTHY LIVING

**Hungarian Centre of Excellence for Molecular Medicine** Teaming National Laboratory **Molecular Fingerprinting** National Laboratory **D**National **Cardiovascular Laboratory** □ National Laboratory for Health Security National Laboratory for Infectious Animal **Diseases, Antimicrobial Resistance, Veterinary Public Health and Food Chain Safety National Laboratory of Biotechnology** □ National Laboratory of Human Reproduction □ National Laboratory of **Pharmaceutical Research** and Development **National Laboratory of Translational** Neuroscience □ National Laboratory of **Virology National Tumor Biology** Laboratory



**U**Infocommunications and Information Technology National Laboratory (InfoLab) □ National Laboratory for **Cooperative Technologies** 

**Artificial Intelligence** National Laboratory **DExtreme Light Infrastructure (ELI)** National Laboratory National Laboratory for **Autonomous Systems** □ National Laboratory for **Digital Heritage** National Laboratory for **Social Innovation Quantum Information** National Laboratory



**Q**Agribiotechnology and precision breeding for food security National Laboratory **Agrotechnology** National Laboratory National Laboratory for **Renewable Energy** National Laboratory for Water Science and Water Security **O**National Laser-Initiated Transmutation Laboratory **U**Multidisciplinary Laboratory for **Climate** Change National Research Laboratory for **Nanoplasmonic Laser Fusion** 



## ZALAZONE: HUNGARY'S MOST ADVANCED APPLIED RESEARCH AND EXPERIMENTAL DEVELOPMENT INFRASTRUCTURE INVESTMENT



Unique vehicle testing facility for autonomous and electric vehicles and extended Central-European testing zone

## ZALAZONE TEST TRACK

Strong scientific community for autonomous vehicle technology research and education



#### **CLOSE COOPERATION**

- International industrial partners
- Academic background
- Hungarian Government

#### **EDUCATION AND RDI**

- Autonomous vehicle researches
- Training programs with academic and industrial partners



#### **SERVICES**

- Dynamical tests
- Technical services (eg.
- engineering support)
- Other (eg.: authority office, accommodation, logistics)





## ELI: HUNGARY'S LARGEST LASER RESEARCH INFRASTRUCTURE

ELI Attosecond Light Pulse Source (ELI-ALPS) is the first infrastructure in the world capable of investigating the interactions between light and matter with a highest ever intensity.



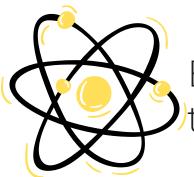
## **ELI: CALLS & INTERNSHIPS** FOR INTERNATIONAL RESEARCHERS



THz technologies and applications



Information technology, materials science and nanoscience



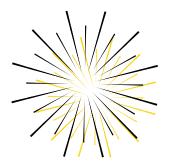
Biological imaging technologies



Medical applications



Energy research and high energy photonics

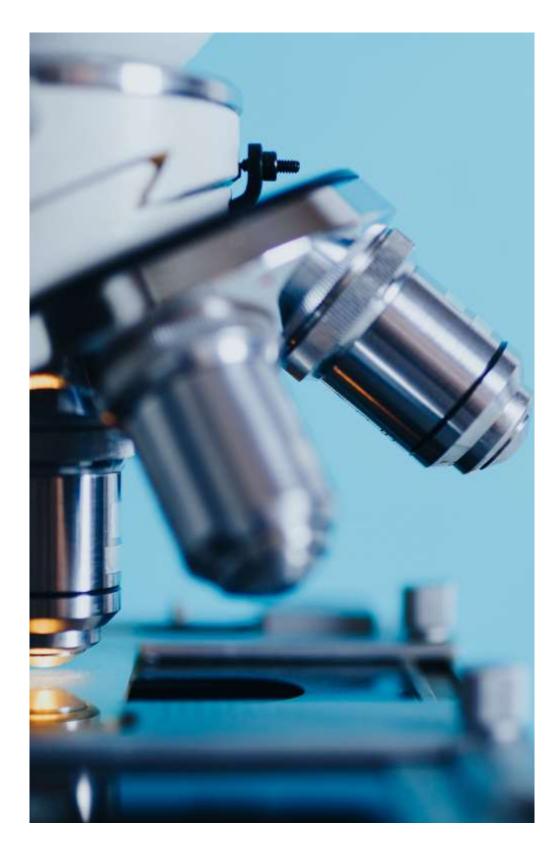


Attosecond instruments





#### **JOINT CALL FOR R&D COOPERATION**



- **Coordination:** National Research, Development and Innovation Office (NRDIO), Empresa Brasileira de Pesquisa e Inovação Industrial (<u>Embrapii</u>)
- Objective: developing innovative processes, products, technology (not basic research)
- Priority areas: water management, energy efficiency, smart cities, ICT, agrotechnology (but open for all areas)
- + companies and industry both from Hungary and Brazil
- Matchmaking event: first semester of 2024
- Start of application period: May 2024
- **Start of projects:** December 2024

# **Potential participants: academic and research sphere**





## CONSULADO-GERAL DA HUNGRIA, SÃO PAULO

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