



# INVITATION

THE HUNGARIAN ACADEMY OF SCIENCES CORDIALLY INVITES TO THE  
**FOLLOWING TRENDS: QUANTUM COMPUTING AND  
COMMUNICATION AT BME FACULTY OF ELECTRICAL  
ENGINEERING AND INFORMATICS**

ON THE OCCASION OF THE HUNGARIAN SCIENCE FESTIVAL

Date and time: November 28, 2024, 14:00-15:45

Location: Budapest University of Technology and Economics  
Building Q, ground floor, Wing B, QBF13.  
1117 Budapest, Magyar tudósok krt. 2.

## PROGRAM

- Welcome by the dean of BME Faculty of Electrical Engineering and Informatics
- Beyond quantum key distribution: steps towards the quantum internet  
*Dr. Sándor IMRE, professor, Head, Department of Networked Systems and Services*
- Quantum Landscape from a Computer Scientist's Perspective in Romania and Beyond  
*Dr. George Pantelimon POPESCU, professor, Politehnica University of Bucharest*
- Training the next generation of engineers:  
quantum computing and communication in our education  
*Dr. László BACSÁRDI, associate professor  
Head, Mobile Communication and Quantum Technologies Laboratory*
- Entanglement-based free-space quantum communication experiments  
*Máté GALAMBOS, PhD student, BME Faculty of Electrical Engineering and Informatics*
- Quantum memories for satellite-based quantum communication  
*Kitti OLÁH, PhD student, BME Faculty of Electrical Engineering and Informatics*
- Questions and answers

Moderator:

*Dr. Eszter UDVARY, vice dean for international relations  
BME Faculty of Electrical Engineering and Informatics*