

Session Program

1-5 Jun 2026

Muographers 2026

Posters and Exhibitions

Tuesday 2 June

16:45

Posters and Exhibitions

Session | Location: Mercure Budapest Castle Hill 41-43 Krisztina Korut, Budapest, 1013 (GPS: 47.498822, 19.027326)

16:45-18:30 **Gaseous tracking detectors based on lightweight MWPC-s**

Speaker

Dezső Varga

16:45-18:30 **SiRO, a scintillator-based hodoscope for muography applications**

Speaker

Mihai Niculescu-Oglinzanu

16:45-18:30 **Development of a three dimensional wireless muometric navigation system**

Speaker

András Toronyi

16:45-18:30 **MULE: A Portable Muon Detection System for Real-Time Subsurface Density Monitoring**

Speaker

Dr Ahmed Ashour

16:45-18:30 **G-Multiplexing via SiPM Ganging**

Speaker

Peter Filip

16:45-18:30 **Muon spectrum generation with generative AI**

Speakers

Christian Sarmiento-Cano, Rafael Armando Martinez Rivero

16:45-18:30

Full-Scale Geant4 Simulation of Cosmic-Ray Muography Through Multi-Kilometer-Scale Overburden

Speaker

Kah Seng Phay

16:45-18:30

Development of a Modular Muography Detector with FPGA-Based Data Acquisition for Geological Imaging in Taiwan

Speaker

Kai Yu Cheng

16:45-18:30 **Interactive diorama as a tool for Muography outreach**

Speaker

Daria Gracheva

16:45-18:30

Muon Solutions Oy: Practical Muography Applications Across Mining, Environment, and Infrastructure

Speaker

Marko Holma

16:45–18:30 **Ready to deploy high performance muography instruments**

Speaker
Simon Bouteille

16:45–18:30 **A Scintillation-Based Cosmic Muon Detector for High School Particle Physics Education**

Speaker
Zsófia Slezák

16:45–18:30

Advancing Muography for Mining Applications in the Horizon Europe Projects AGEMERA and Mine.io

Speaker
Marko Holma

16:45–18:30 **Explorations of Mt. Qixing using Muography**

Speaker
Tzu-Hsiang Tsai

16:45–18:30 **The SciDEP Muon Radiography Project at the Egyptian Pyramid of Khafre**

Speaker
Dora Geeraerts

16:45–18:30

Simulation and Optimization of Muon Production Using Electron Beams and RPC Detectors

Speaker
Tahany Abdelhameid

18:30