

Session Program

1-5 Jun 2026

Muographers 2026

Instrumentation

Monday 1 June

14:40

Instrumentation

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

14:40–14:55 **LiquidO Opaque-Scintillator Detectors for High-Resolution Muon Imaging**

Speaker

Nicolò Tuccori

14:55–15:10 **Instrumentation for muon measurements**

Speaker

Mr Alexandru Balaceanu

15:10–15:25 **Characterization of a Compact 16×16 Interleaved Scintillating Bar Detector**

Speaker

René Ríos Torres

15:25–15:40

DSTAR: a Modular 4π Muon Detector for Field Measurements and Evaluation of Ambient Conditions in Low-Background Experiments

Speaker

Mark Shirchenko

15:40–15:55

Status and Upgrades of the MuGrid-v2 Detector: Toward Economical, Large-Scale Muography

Speaker

Tao Yu

15:55–16:10

Applicability of Ethernet-Based Synchronization Mechanisms to Muography Detection Systems

Speaker

Dr Aitor Orio Alonso

16:10

16:30

Instrumentation

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

16:30–16:45

ACROMASS: a portable magnetic spectrometer with particle identification capability for in-situ calibration of atmospheric muon flux models in muography

Speaker

Diletta Borselli

16:45–17:00

Measurements of cosmic-ray muon flux with a mobile detector at the Belgrade muon station

Speaker

Dejan Joković

17:00-17:15

Rotational Muon Detector: Development and Proof-of-Concept for Muography Applications**Speaker**

Dr Rolando Calderón-Ardila

17:15-17:30

Design, Construction, and Calibration of the MuTe 2.1 Muon Telescope**Speaker**

Christian Sarmiento-Cano

17:30-17:45

First results of modular drift chamber design based myon hodoscopes**Speakers**

Andre Bieberle, Michael Wagner

17:45-18:00

TOMAR: High Resolution RPC-based Muon Tomography**Speaker**

Lidia Lappo

18:00-18:15

A Sealed, Light-weight gRPC-Based Muon Telescope for Muography Applications**Speaker**

Donya ahmadi

18:15-18:30

Development of a Nuclear Emulsion Focusing on Gelatin for Long-Term Cosmic-Ray Muon Imaging**Speaker**

Atsuki Yoshihara

18:30