

Session Program

1-5 Jun 2026

Muographers 2026

Muon Imaging for Safety, Security, and Health

Wednesday 3 June

13:00

Muon Imaging for Safety, Security, and Health

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

13:00–13:15 **Simulation study on high-resolution muon tomography of a spent nuclear fuel storage cask**

Speaker

Maximilian Pérez Prada

13:15–13:30

Analysis of Case-dependent Detector Placement Around a Thick-walled Nuclear Waste Cask

Speakers

Johannes Kowalewicz, Julia Niedermeier

13:30–13:45

Experimental results of muon tomography of spent nuclear fuel casks and the impact of geometrical acceptance constraints

Speaker

Thomas Boland

13:45–14:00

Anomaly Detection in Operational Muon Cargo Inspection with Real Scan Data

Speaker

Angel Bueno Rodriguez

14:00–14:15

Muon scattering tomography studies of a sealed container and commissioning of a Micromegas tracking system

Speaker

Dr S. Kaur

14:15–14:30

Recent analyses of muon tomography in the nuclear field

Speaker

Greppi Mattia

14:30–14:45

Classifying low-Z materials with muon scattering tomography for border security

Speaker

Dr Nicholas Reed

14:45–15:00

Implementation of Muon-Induced Secondary Particle Detection for Enhanced Imaging

Speaker

Kristina Bikit

15:00–15:15

Simulation study of muon scattering tomography for low-contrast medical imaging

Speaker

Noemi Zabari

15:15