

Session Program

Nov 24 - 26, 2021



International Workshop on Cosmic-Ray Muography (Muography2021)

Data analysis and image reconstruction

Ghent, Het Pand, Zaal August Vermeylen
Het Pand Onderbergen 1, B-9000 Gent Belgium

Thu, November 25

10:50 AM

Data analysis and image reconstruction

Session | **Location:** Ghent, Het Pand, Zaal August Vermeylen, Het Pand Onderbergen 1, B-9000 Gent Belgium | **Convener:** Giulio Saracino

10:50 - 11:10

Assessing the rock density distribution of a volcano lava dome with a 4-panel scintillator-based muon detector

Speaker

Mr Raphael Bajou

11:10 - 11:30

The MURAVES experiment : study of the Vesuvius Great Cone with Muon Radiography

Speaker

Mariaelena D'Errico

11:30 - 11:50

Muon imaging and monitoring applied to hydrogeological studies at the Mont Terri Underground Rock Laboratory, Switzerland

Speaker

Matías Tramontini

11:50 - 12:10

Recent results from Canadian Nuclear Laboratories' work on muon tomography for nuclear security and safeguards

Speaker

Oleg Kamaev

12:10 PM

1:40 PM

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13:40 - 14:00

Absorption muographic challenges on the surface

Speaker

Gábor Nyitrai

14:00 - 14:20

Imaging and evaluation of defects in civil structures using Muon Scattering Tomography (MST)

Speakers

Mr Sridhar Tripathy, Nayana Majumdar, Supratik Mukhopadhyay

2:20 PM