

Session Program

Jul 4 – 7, 2023

**International Workshop on Multi-messenger Tomography
of the Earth**

***Methodologies and numerical approaches to inversion
problems***

APC-Université Paris Cité, Amphitheater Pierre-Gilles de Gennes

Wed, July 5

9:00 AM

Methodologies and numerical approaches to inversion problems

Session | Location: APC-Université Paris Cité, Amphitheater Pierre-Gilles de Gennes | Convener: Stephanie Durand

9:00 – 9:30 AM An Efficient Workflow for Global Seismic Tomography

Speaker

Dr Sebastian Noe

9:30 – 10:00 AM Computational and Statistical Aspects of Neutrino Oscillation Tomography

Speaker

Dr Joao Coelho

10:00 – 10:30 AM An example of combined inversion: muon tomography

Speaker

Dr Marina Rosas-Carbajal

10:30 – 11:00 AM Coffe break

11:00 – 11:30 AM 3D density models from normal modes

Speaker

Prof. Arwen Deuss

11:30 – 11:50 AM Neutrino Tomography with 3D Earth Models

Speaker

Rebekah Pestes

11:50 AM – 12:30 PM Round table on inversion methods and data combination

Speakers

Dr Joao Coelho, Prof. Sanjib Kumar Agarwalla

12:30 PM