(Invited) Toward Data Lakes for Recorded and Simulated Earthquake Ground Motions

Monday 2 September 2024

Motivation talk: Applications and challenges of 3D physics-based numerical simulations in Engineering Seismology (Chiara Smerzini, Politecnico di Milano) (13:30 - 14:00)

Tuesday 3 September 2024

Motivation talk: Physics-Based Numerical Modeling: Case Studies and Insights (Alice Gabriel, Scripps Institution of Oceanography, UCSD/ LMU) (09:00 - 09:30)

Motivation talk: Overview– diversity of simulations and use of simulated motions (Aysegul Askan, Middle East Technical University) (09:30 - 09:50)

Motivation talk: The recent use of machine learning methods in engineering seismology, building (Chuanbin Zhu, Northumbria University) (13:00 - 13:30)

Wednesday 4 September 2024

Motivation talk: Motivation talk: Towards digital twins of earthquakes (DT-GEO and Geo-Inquire project teams) (09:00 - 09:30)