

DEEP Seminars

Dates	Topic	Presenter
May 20, 2021	Monitoring seismicity with very sparse networks	Francesco Grigoli (ETH)
	An automatic workflow for high precision earthquake detection and location	Olivier Lengliné (EOST)
June 10, 2021	Determination of time-dependent moment tensors with time-reverse imaging	Claudia Finger (IEG)
	Micro-Seismic Point-Source Characterisation using a Deep Learning Approach: Examples from the Hengill Geothermal Field, Iceland	Nima Nooshiri (DIAS)
July 8, 2021	Using fiber-optics sensing for high-resolution subsurface imaging and deformation monitoring	Veronica Rodriguez Tribaldos (LBNL)
	GES Update on Forge Microseismic Processing Trials, Non Seismic DAS Applications at Bedretto and a Raw Data to SegY Transformation Utility	Falko Bethmann, Ben Dyer and Dimitrios Karvounis (GES)
Sept. 9, 2021	Optimized workflows for high-frequency seismic interferometry using dense arrays	Yihe Xu (DIAS)
	Tomographic imaging and its generalization to frequency-dependent travel times	Don Vasco (LBNL)
Oct. 14, 2021	Impact of injection strategies and faults on the evolution of the Gutenberg-Richter b-value - Modelling with TOUGH2-Seed	Vanille Ritz (ETH)
	From Pore Pressure Modeling to Seismic Risk Assessment – a Fully Integrated Modeling Approach	Corinne Layland-Bachmann (LBNL)

The seminars will resume on 13 January 2022.

