

First MODE Workshop on Differentiable Programming

Monday, September 6, 2021

Applications in Muon Tomography: Applications in Muon Tomography - Auditorium CYCL-01 (5:25 PM - 7:20 PM)

-Conveners: Andrea Giammanco

time	[id] title	presenter
5:25 PM	[4] Machine Learning application to volcano eruption forecasting using muography	OLAH, Laszlo
5:45 PM	Discussion	
5:50 PM	[5] Role of AI in the industrial applications of muon tomography	MARTINEZ RUIZ DEL ARBOL, Pablo
6:10 PM	Discussion	
6:15 PM	[6] Material identification in nuclear waste drums using muon scattering tomography and multivariate analysis	STOWELL, Patrick
6:35 PM	Discussion	
6:40 PM	[7] TomOpt: PyTorch-based Differential Muon Tomography Optimisation	STRONG, Giles Chatham
7:10 PM	Discussion	