

First MODE Workshop on Differentiable Programming

Monday, 6 September 2021

Applications in Muon Tomography: Applications in Muon Tomography - Auditorium CYCL-01 (17:25 - 19:20)

-Conveners: Andrea Giammanco

time	[id] title	presenter
17:25	[4] Machine Learning application to volcano eruption forecasting using muography	OLAH, Laszlo
17:45	Discussion	
17:50	[5] Role of AI in the industrial applications of muon tomography	MARTINEZ RUIZ DEL ARBOL, Pablo
18:10	Discussion	
18:15	[6] Material identification in nuclear waste drums using muon scattering tomography and multivariate analysis	STOWELL, Patrick
18:35	Discussion	
18:40	[7] TomOpt: PyTorch-based Differential Muon Tomography Optimisation	STRONG, Giles Chatham
19:10	Discussion	