

Third MODE Workshop on Differentiable Programming for Experiment Design

Tuesday, 25 July 2023

Applications in Muon Tomography: Part 1 (11:30 - 12:30)

-Conveners: Pablo Martinez Ruiz Del Arbol

time	[id] title	presenter
11:30	[101] Muography experiment optimization	LAGRANGE, Maxime
11:50	Discussion	
12:00	[107] Use of machine learning techniques for muography applied to industrial applications	MARTINEZ RUIZ DEL ARBOL, Pablo
12:20	Discussion	

Wednesday, 26 July 2023

Applications in Muon Tomography: Part 2 (09:00 - 10:00)

-Conveners: Pablo Martinez Ruiz Del Arbol

time	[id] title	presenter
09:00	[108] Ultra fast simulation algorithmics for industrial applications in Muon Tomography using GAN	LOPEZ RUIZ, Ruben
09:20	Discussion	
09:30	[116] Background suppression for volcano muography with machine learning	GALGÓCZI, Gábor
09:50	Discussion	