Session Program

23-25 Sept 2024



Fourth MODE Workshop on Differentiable Programming for Experiment Design

Astroparticle

Valencia (Spain)

Monday 23 September

Astroparticle Session Location: Valencia (Spain) Conveners: Roberto Ruiz De Austri, Christian Glaser
16:35-16:55 NuRadioOpt: Optimization of Radio Detectors of Ultra-High Energy Neutrinos through Deep Learning and Differential Programming
Speaker Christian Glaser
16:55-17:15 Machine learning based design optimization for the search of neutrinoless double beta decay with LEGEND
Speaker Dr Ann-Kathrin Schuetz
17:15-17:35 Status of GENETIS Speaker
17:35-17:55 Simultaneous high-dimensional calibration with differentiable simulations for a
Speaker Yifan Chen
17:55-18:15 TAMBO: Searching for Tau Neutrinos in the Peruvian Andes
Speaker Dr Alfonso Andres Garcia Soto

Tuesday 24 September



Wednesday 25 September

