

Neutrino Physics and Machine Learning 2023

Wednesday, 23 August 2023

Session 4 (13:30 - 17:55)

| time | [id] title | presenter |
|-------|--|--------------------|
| 13:45 | [13] Implicit Neural Representation as a Differentiable Surrogate for Photon Propagation in a Monolithic Neutrino Detector | TSANG, Patrick |
| 14:10 | Q/A | |
| 14:20 | [6] Connecting the Dots: Using Multidetector Inputs in Machine Learning | MICALLEF, Jessie |
| 14:45 | Q/A | |
| 14:55 | Coffee | |
| 15:05 | [10] Translating Near to Far Detector with Deep Learning for DUNE-PRISM | WILKINSON, Alex |
| 15:30 | Q/A | |
| 15:40 | [17] Uncertainty Quantification for DUNE ND Reconstruction | DOUGLAS, Dan |
| 16:05 | Q/A | |
| 16:15 | Coffee | |
| 16:25 | [2] Diffusion-Based Generative Modeling for LArTPC Images | IMANI, Zeviel |
| 16:50 | Q/A | |
| 17:00 | [5] ML-Based Surrogate Modeling of Radiofrequency Quadrupole Accelerators | VILLARREAL, Joshua |
| 17:35 | Q/A | |