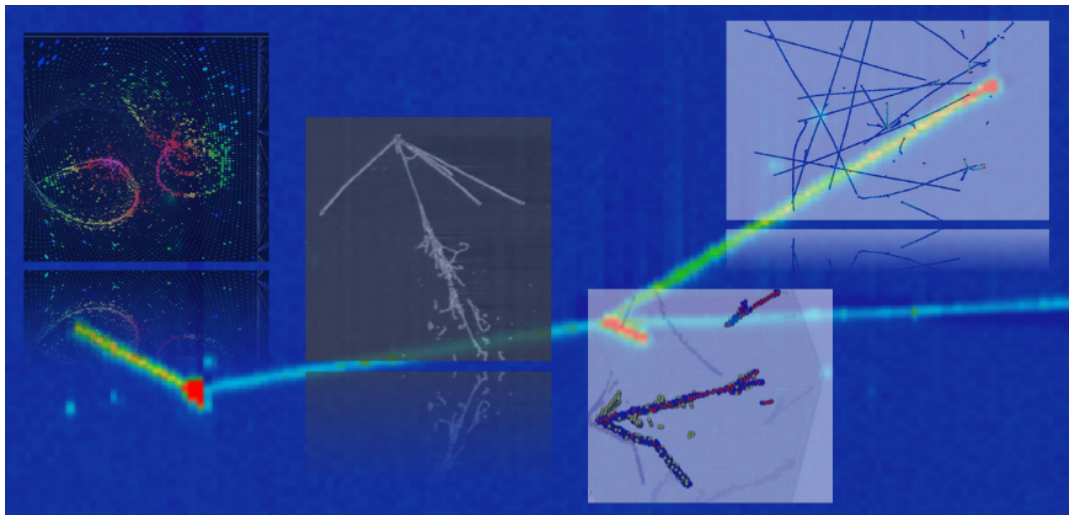


Session Program

20-31 Oct 2025



Neutrino Physics and Machine Learning (NPML 2025)

Neural Inference Techniques

University of Tokyo, Koshiba Hall
7-3 Hongo, Bunkyo City, Tokyo 113-0033

Wednesday 29 October

11:30

Neural Inference Techniques

Session | Location: University of Tokyo, Koshiba Hall, 7-3 Hongo, Bunkyo City, Tokyo 113-0033

11:30-11:45

Bayesian Neural Networks for classification problems with LAr TPCs

Speaker

Aaron Higuera

11:50

11:45-11:50

Q/A

Friday 31 October

13:00

Neural Inference Techniques

Session | **Location:** University of Tokyo, Koshiba Hall, 7-3 Hongo, Bunkyo City, Tokyo 113-0033

13:00–13:25

Machine Learning Assisted Reweighting and Unfolding for Neutrino Analyses

Speaker

Roger Huang

13:25–13:35

Q/A

13:35–13:50

Treating Detector Systematics via a Likelihood Free Inference Method

Speaker

Alexandra Trettin

13:50–13:55

Q/A

13:55