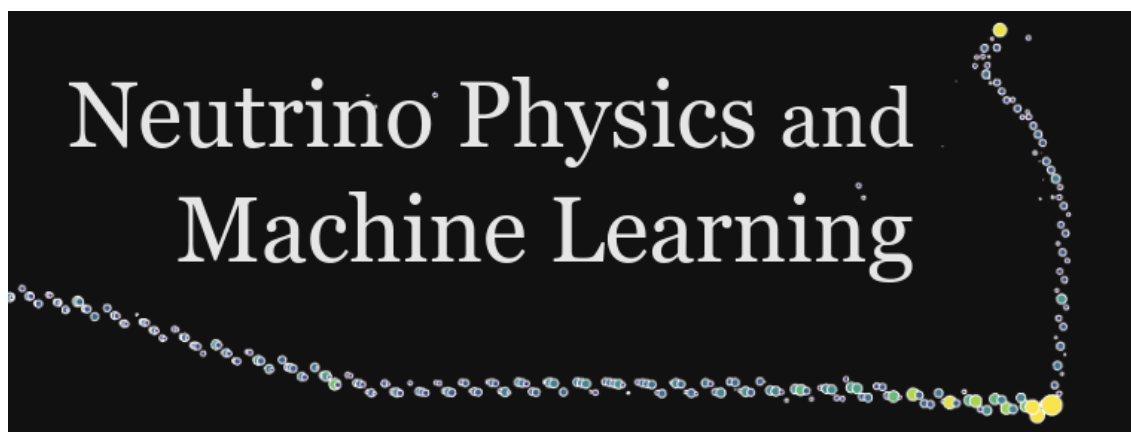


**Session Program**

**Jul 10 - 24, 2020**



**Neutrino Physics and Machine Learning (NPML)**

***Day 4 Morning***

# Wed, July 22

10:00 AM

## Day 4 Morning

Session | Conveners: Jianming Bian, Kazuhiro Terao

10:00 - 10:40 AM **Deep learning in DUNE**

**Speaker**

Saul Alonso Monsalve

10:40 - 11:05 AM

**Neutrino energy reconstruction with a regression CNN in the DUNE far detector**

**Speaker**

Dr Wenjie Wu

11:05 - 11:30 AM

**Estimating the Impact of Neutrino Interaction Mismodeling in DUNE with Multivariate Event Reweighting**

**Speaker**

Cristovao Vilela

11:30 - 11:55 AM

**Enhancing Neutrino Event Reconstruction with Pixel-Based 3D Readout for Liquid Argon Time Projection Chambers**

**Speaker**

Dr Marco Del Tutto

12:25 PM