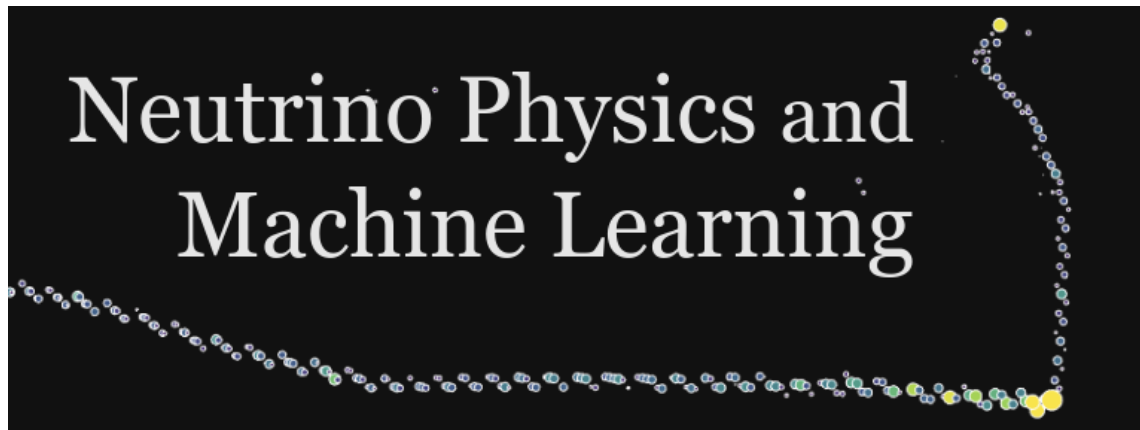


Session Program

Jul 10 - 24, 2020



Neutrino Physics and Machine Learning (NPML)

Day 3 Morning

Tue, July 21

10:00 AM

Day 3 Morning

Session | **Conveners:** Taritree Wongjirad, Patrick de Perio

10:00 - 10:40 AM

DIDACTS (Data-Intensive Discovery Accelerated by Computational Techniques for Science)

Speaker

Aaron Higuera

10:40 - 11:05 AM

Demonstration of background rejection using deep neural networks in the NEXT experiment

Speaker

Dr Marija Kekic

11:05 - 11:30 AM

NEXT Ton-Scale Sensitivity using Sparse Convolutional Neural Networks

Speaker

Katherine Woodruff

11:30 - 11:55 AM

Simulation and Calibration of light response in nEXO detector using machine learning

Speaker

Mr Prakash Gautam

11:55 AM - 12:20 PM

Uncertainty estimation for Deep Learning in Neutrino Physics

Speaker

Dr Aashwin Mishra

12:20 PM