



# Neutrino Physics and Machine Learning (NPML): Lightning Talks

## Friday, 19 June 2020

### Day 2: Afternoon: Lightning Talks (13:00 - 14:15)

-Conveners: Patrick de Perio; Nick Prouse

time	[id] title	presenter
13:00	[22] Reconstructing 3D charge positions in LArTPCs using a CNN	SHARANKOVA, Ralitsa
13:15	[6] Efficient neutrino oscillation parameter inference using Gaussian processes	Mr NAYAK, Nitish
13:30	[10] Shower Reconstruction in Liquid Argon Time Projection Chambers using Graphical Neural Networks	DRIELSMA, Francois
13:45	[25] Interaction Clustering in Liquid Argon Time Projection Chamber using Graph Neural Networks	LIN, Qing
14:00	[50] Sparse Segmentation for Particle ID in ProtoDUNE	S SARASTY SEGURA, Carlos

### Day 2: Afternoon: Closing (14:15 - 14:30)

time	[id] title	presenter
14:15	[48] Close out	AURISANO, Adam ADAMS, Corey Prof. BIAN, Jianming TERAO, Kazuhiro DEL TUTTO, Marco PROUSE, Nick DE PERIO, Patrick WONGJIRAD, Taritree