



# Connecting The Dots 2022

## Wednesday 1 June 2022

### YSF Plenary - PCTS conference room (4th floor) (11:10 - 12:25)

-Conveners: Andreas Salzburger

time	[id] title	presenter
11:10	[3] Jet Flavor Tagging Using Graph Neural Networks	KAKATI, Nilotpal
11:30	[34] One person's trash is another person's treasure: expanding physics reach with unused tracks	SANDERSWOOD, Izaac
11:50	[17] LHCb's Forward Tracking algorithm for the Run 3 CPU-based online track reconstruction sequence	GÜNTHER, André
12:10	[4] Improved Track Reconstruction Performance for Long-lived Particles in ATLAS	BURZYNSKI, Jackson Carl

# Thursday 2 June 2022

## YSF Plenary - PCTS conference room (4th floor) (10:00 - 11:00)

-Conveners: Paolo Calafiura

time	[id] title	presenter
10:00	[38] GPU-based algorithms for the CMS track clustering and primary vertex reconstruction for the Run 3 and Phase II of the LHC	ERICE CID, Carlos Francisco
10:20	[7] Track Finding for the PANDA Experiment	ALICKE, Anna
10:40	[11] Exploration of different parameter optimization algorithms within the context of ACTS software framework	GARG, Rocky Bala

## YSF Plenary - PCTS conference room (4th floor) (11:30 - 12:40)

-Conveners: Paolo Calafiura

time	[id] title	presenter
11:30	[23] Track Reconstruction using Geometric Deep Learning in the Straw Tube Tracker (STT) at the PANDA Experiment	Mr AKRAM, Adeel
11:50	[16] ATLAS Inner Detector alignment towards Run 3	THALER, Alexander MUNOZ PEREZ, David JIMENEZ PENA, Javier CHITISHVILI, Mariam SABATINI, Paolo
12:10	[2] Standalone track reconstruction and matching algorithms for GPU-based High level trigger at LHCb	Mr JASHAL, Brij Kishor