



# 11th LHC students poster session

## Thursday, 18 November 2021

### Physics and detector performance: Physics and detector performance - Zoom event (17:07 - 19:07)

time	[id] title	presenter
17:07	[14] CMS tracking performance in the CMS Run-2 Legacy data using the tag-and-probe technique	ELMETENAWEE, Walaa
17:08	[15] Time calibration stability studies for the DT Slice Test of the CMS detector	URDA, Lourdes
17:09	[16] Installation and commissioning status of the new GEM muon detectors in the CMS experiment	REGNERY, Brendan
17:10	[17] Jet energy scale and resolution measurements with legacy Run 2 data collected by CMS at 13 TeV	AGARWAL, Garvita
17:11	[31] Dielectron measurements with ALICE 3	SCHEID, Horst Sebastian
17:12	[42] The FASER Experiment	ROSE SHIVELY, Savannah SHIVELY, Savannah Rose
17:13	[43] Luminosity measurement at LHCb	VAN DIJK, Maarten
17:14	[47] Particle identification in LHCb fixed-target (SMOG) conditions	MARIANI, Saverio
17:15	[77] Digluon Tagging using $\sqrt{s} = 13$ TeV pp Collisions in the ATLAS Detector	SAFDARI, Murtaza
17:16	[78] Optimisation of the jet vertex tagger for particle flow jets through track-to-vertex-association improvements with the ATLAS detector	INGEBRETSEN CARLSON, Tom
17:17	[79] Development and Integration of a Deep-Impact-Parameter-Sets based b-Tagging Algorithm in ATLAS	FROCH, Alexander
17:18	[80] Efficiency and Mis-tag Rate Calibrations for Boosted X->bb Tagger at the ATLAS experiment	BATTULGA, Daariimaa
17:19	[81] Expected b-tagging performance with the upgraded ATLAS Inner Tracker detector at the High-Luminosity LHC	KUMARI, Neelam
17:20	[86] The ATLAS ITk Tracking and Vertexing performance at the HL-LHC	ZHAO, Haoran ZHAO, Haoran
17:21	[87] ATLAS Primary Vertex Reconstruction with ACTS	SCHLAG, Bastian
17:22	[92] The physics case of the SND@LHC experiment	DE BRYAS, Paul
17:23	[93] Construction and commissioning of the SND@LHC detector	CONABOY, Andrew Picot
17:24	[94] Preliminary measurement of the forward $\eta$ meson production cross section in p-p collisions at $\sqrt{s}=13$ TeV with the LHCf Arm2 detector	PIPARO, Giuseppe