

31st International Symposium on Lepton Photon Interactions at High Energies

Monday 17 July 2023

Reception and poster presentation: Reception and poster presentation (17:30 - 19:00)

time	[id] title	presenter
17:30	[81] Hunting for heavy neutral leptons at future lepton colliders	Mr MEKALA, Krzysztof
17:31	[161] Engaging Universities and Beyond – Open Data for Education and Research	PRICE, Darren
17:32	[164] Evolution of Regional, Age and Gender Demographics in the ATLAS Collaboration	GRAY, Heather
17:33	[51] High precision study of antineutron and hyperons interact with nuclei at a future super J/ψ factory	SONG, Weimin
17:34	[111] Overview of the event reconstruction in JUNO	LUO, Wuming
17:35	[117] Hyperon physics at BESIII	XIAO, Yunlong
17:36	[127] A History of Queer Contributions to Physics	WALTON, Eliot Jane
17:37	[204] Development of a Cylindrical Trigger Hodoscope for the COMET experiment	DEKKERS, Sam
17:38	[141] The CMS tracker performance in Run3	WULANSATITI, Muti
17:39	[197] Isospin splitting and quark charge screening effects on M1 decay widths of charm baryons	MARY S, Thejus
17:40	[218] Machine learning based classifications on FPGAs	FUJII, Yuki
17:41	[215] TopicFlow: Disentangling quark and gluon jets with normalizing flows	ORE, Ayodele
17:42	[233] A Bayesian dark matter analysis pipeline for CTA	PINCHBECK, Liam
17:43	[217] Higgs boson mass measurement at CMS	KORYTOV, Andrey
17:44	[30] Improving ATLAS Hadronic Object Performance with in situ techniques and ML/AI Algorithms	KONG, Albert
17:45	[43] The ATLAS Trigger System	CARVALHO, Luisa
17:47	[65] Neutrino Interactions in the T2K WAGASCI Detector and Combining Measurements With Multiple Neutrino Fluxes	NUGENT, John Columba
17:48	[75] Charmless b-hadron decays at LHCb	SONG, Rongrong
17:49	[92] The Progress of Super Tau Charm Facility in China	JIA, Zekun
17:50	[110] The status and the radioactive background control of JUNO's Water Cherenkov Detector	GUO, Cong
17:51	[120] Systems for detecting and measuring backgrounds with the SABRE South experiment	MILLIGAN, Lachlan
17:53	[159] Engaging Youth - Education and Outreach for ages 0-12	FILMER, Emily
17:54	[162] The Strong2020 and RadioMonteCarlow activities	Mr COTROZZI, Lorenzo
17:55	[236] Characterization of a 180nm CMOS pixel sensor prototypes for the CEPC vertex detector	LI, Shuqi

17:56	[21] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector*	FILMER, Emily
17:57	[67] Higgs physics with ILC	KLAMKA, Jan Franciszek
17:59	[235] Probing for GeV-TeV Particles in the $U(1)_{T3R}$ BSM Extension from $g\text{-}g$ Fusion Processes at the LHC	SOHAIL QURESHI, Umar
18:00	[200] Exploring the impact of LIV at Deep Underground Neutrino Experiment	Dr DEVI, Moon Moon
18:03	[48] The ATLAS ITk Strip Detector for the Phase-II LHC Upgrade	BASELGA, Marta
18:05	[62] A combined study of the exclusive mesonic modes to extract $ V_{ub} / V_{cb} $	Ms RAY, Ipsita
18:06	[68] Reconstruction of long-lived particles with the ILD detector at the ILC	KLAMKA, Jan Franciszek
18:08	[88] Design of the Hyper-Kamiokande Outer Detector	LAMERS JAMES, Menai
18:09	[109] LUXE: A new experiment to study non-perturbative QED and search for new particles in electron-laser and photon-laser collisions	UNKNOWN, UNKNOWN
18:10	[118] R value measurements at BESIII	JIA, Zekun
18:11	[116] Measurements of charmonia decays at BESIII	ZHOU, Yizhou
18:12	[121] Crystal background and sensitivity for the SABRE South experiment	MELBOURNE, William
18:13	[122] The Double Calorimetry System in JUNO	Dr HU, Bei-Zhen
18:14	[143] The Phase 2 upgrade of the CMS Outer tracker	ROSSI, Alessandro
18:15	[168] Exploring the cosmological dark matter coincidence using infrared fixed points	RITTER, Alex
18:16	[173] Nucleon structure functions from a lattice Compton amplitude calculation	Dr CAN, K. Utku
18:17	[180] PMT pre-calibration for SABRE South	STANLEY, Owen
18:18	[196] Flavour anomalies, Light Dark Matter and rare B decays with missing energy in $L_{\mu}\text{-}L_{\tau}$ model	Prof. MOHANTA, Rukmani
18:19	[198] Computing and data management for SABRE South	MCKENZIE, Jade
18:20	[228] A novel method to measure the relative strong phase between D^0 and \bar{D}^0 in the $K_S^0 \pi^+ \pi^-$ decay mode from correlated $\psi(3770) \rightarrow D^0 \bar{D}^0$ decays, and an application to measuring the CKM angle γ in $B^{\pm} \rightarrow D(\rightarrow K_S^0 \pi^+ \pi^-) K^{\pm}$ decays.	LANE, Jake
18:22	[234] Beyond the leading dipole approximation: modelling junctions in the event generator PYTHIA	ALTMANN, Javira
18:24	[23] Flavour tagging with the ATLAS detector at the HL-LHC	CAIRO, Valentina
18:25	[38] Recent results on associated top quark production and searches for new top-quark phenomena with the ATLAS detector	POTTI, Harish
18:26	[149] Alignment of the CMS tracker during Run 3 data taking	ROSSI, Alessandro
18:27	[153] TORCH, a novel time of flight detector for LHCb upgrade II	HADAVIZADEH, Tom
18:28	[166] Prometheus: An Open-Source Neutrino Telescope Simulation	MEIGHEN-BERGER, Stephan
18:29	[179] Trigger and data acquisition systems for SABRE South	MCKIE, Lachlan
18:30	[181] Simulation of the muon background at SUPL for the SABRE South Experiment	FU, Guangyong
18:31	[44] ATLAS ITk Pixel Detector Overview	HIGUCHI, Yu Nakahama
18:32	[220] Results from muon reconstruction performance with ATLAS at Run-3	PINTO, Andres

18:33	[239] The MDT Trigger Processor upgrade for ATLAS Muons at the HL-LHC	LOUSTAU DE LINARES, Guillermo
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