

XXI LNF SPRING SCHOOL "BRUNO TOUSCHEK" in Nuclear, Subnuclear and Astroparticle Physics

Monday, 13 May 2024

Young Researchers' Workshop - Building 36, Aula Salvini (16:30 - 19:30)

time	[id] title	presenter
16:30	[23] Characterization and Irradiation study for the Crilin Electromagnetic Calorimeter	CICCARELLA, Vittoria Ludovica
16:45	[24] The search of magnetic monopoles with missing transverse energy triggers with the CMS Experiment	MENEZES DE OLIVEIRA, Thales
17:00	[25] Probing new forces among 3rd generation quarks at the CMS experiment	SHOOSHTARI, Maryam
17:15	[26] Search for emerging jets in the ATLAS detector	WOJTOWSKI, Thomas
17:30	[27] New experimental approach to probe the X17 existence	ALI MOHAMMADZADEH, Behnam
17:45	[28] 4-top + 2 opposite-sign leptons final state with Machine Learning techniques	GIORDANO, Cristina
18:00	[29] Search for signatures of a new neutral scalar in the WW channel at LHC	MINIATI, Olimpia
18:15	[30] Measurement of CP properties and anomalous couplings of the Higgs boson	DE RIGGI, Federica
18:30	[31] HH combination results from the CMS experiment	BARBIERI, Michele
18:45	[33] Study of the gas target density profile for the reaction $^{22}\text{Ne}(\alpha, n) ^{25}\text{Mg}$	VAGNONI, Marianna
19:00	[32] A simple model for pentaquarks	GERMANI, Davide
19:15	[35] Searching for exclusive leptoquarks with the Nambu-Jona-Lasinio composite model at the LHC and HL-LHC	AJMAL, Sehar

Thursday, 16 May 2024**Young Researchers' Workshop - Building 36, Aula Salvini (16:00 - 18:00)**

time	[id] title	presenter
16:00	[22] The ITk pixel detector for the ATLAS Phase-2 Upgrade at HL-LHC	CHUBINIDZE, Zaza
16:15	[36] Mu2e calorimeter: in situ calibration of energy and time with selected cosmic ray samples	FEDELI, Pierluigi
16:30	[37] Microscopic parametrization of the near threshold oscillations of the nucleon time-like effective electromagnetic form factors	ROSINI, Francesco
16:45	[38] Skyrmion-based logic gates	ROY, Parmest
17:00	[34] Dynamical Analysis of modified Reissner-Nordstrom metric in Lyra's geometry	DEBNATH, Swarnabha
17:15	[39] The SIDDHARTA-2 experiment: Kaonic Atoms measurements at DAΦNE	ARTIBANI, Francesco
17:30	[40] A new measurement of the Kaonic Helium L-series with SIDDHARTA-2 at DAΦNE	CLOZZA, Francesco
17:45	[41] Kaonic Neon X-ray measurement by SIDDHARTA-2	TOHO, Kairo