

NePSi 23

Wednesday, 15 February 2023

Young Researchers Session: g-2 - Aula Magna - Dipartimento di Fisica (10:00 - 10:40)

time	[id] title	presenter
10:00	[45] Lattice calculation of the R-ratio smeared with Gaussian kernels	DE SANTIS, Alessandro
10:20	[46] Search for the direct production of slepton pairs in $\sqrt{s} = 13$ TeV pp collision with the ATLAS detector	GRECO, Matteo

Young Researchers Session: g-2 - Aula Magna - Dipartimento di Fisica (12:10 - 12:50)

time	[id] title	presenter
12:10	[50] Pseudoscalar meson contributions to the Hadronic Light-by-Light scattering in the muon $g-2$	VERPLANKE, Willem
12:30	[56] Connected hadronic contribution to the muon $g-2$ from lattice QCD and QED	TAVELLA, Paola

Young Researchers Session: g-2 - Aula Magna - Dipartimento di Fisica (15:30 - 16:10)

time	[id] title	presenter
15:30	[55] High precision calculations for the MUonE experiment	BUDASSI, Ettore
15:50	[47] Single π^0 production in $\mu\mu$ scattering at MUonE	DEL PIO, Clara Lavinia

Young Researchers Session: g-2 - Aula Magna - Dipartimento di Fisica (18:10 - 18:50)

time	[id] title	presenter
18:10	[51] Kicker Transient Field Measurements for Muon $g-2$	KESSLER, David
18:30	[52] Correlating Charged Lepton $g - 2$ with Neutrino Magnetic Moments	JANA, Sudip

Thursday, 16 February 2023

Young Researchers Session: Flavour Physics Tensions - Aula Magna - Dipartimento di Fisica (09:30 - 10:30)

time	[id] title	presenter
09:30	[74] A novel phenomenological approach to radiative leptonic Bs-meson decays	VITTORIO, Ludovico
09:50	[63] Lepton flavour universality tests in $B \rightarrow \ell \ell \ell$ decays at LHCb experiment	BIOLCHINI, Alice
10:10	[75] $B \rightarrow \ell \ell \ell$ decay in the high- q^2 region	NORMAND, Camille

Young Researchers Session: Flavour Physics Tensions - Aula Magna - Dipartimento di Fisica (12:20 - 13:00)

time	[id] title	presenter
12:20	[94] The status of the MEGII experiment	VENTURINI, Antoine
12:40	[109] B-anomalies in non-universal models	M. LIZANA, Javier

Young Researchers Session: Flavour Physics Tensions - Aula Magna - Dipartimento di Fisica (15:20 - 16:40)

time	[id] title	presenter
15:20	[68] Searching for Z' and Leptoquarks at Future Colliders	GAROSI, Francesco
15:40	[73] Light-meson leptonic decay rates from lattice QCD+QED calculations	DI CARLO, Matteo
16:00	[69] Development of the data acquisition system for the Mu2e STM detector	ALVAREZ GARCIA, Claudia
16:20	[107] The muEDM experiment	VITALI, Bastiano

Friday, 17 February 2023

Young Researchers Session: Topology and Axion Phenomenology - Aula Magna - Dipartimento di Fisica (12:10 - 12:50)

time	[id] title	presenter
12:10	[79] A Visible QCD Axion Portal to GeV Scale Dark Matter	ARMANDO, Giovanni
12:30	[83] Axion hot dark matter bound, reliably	PIAZZA, Gioacchino

Young Researchers Session: Topology and Axion Phenomenology - Aula Magna - Dipartimento di Fisica (15:00 - 16:00)

time	[id] title	presenter
15:00	[89] Axion-like particles as mediators for dark matter: beyond freeze-out	MUTZEL, Sophie
15:20	[84] Nonresonant Searches for Axion-Like Particles in Vector Boson Scattering Processes at the LHC	MACHADO RODRÍGUEZ, Jonathan
15:40	[86] A new renormalizable model for ALP dark matter and its phenomenology	SAKURAI, Kodai