

Muon4Future 2025

Thursday, 29 May 2025

New Physics opportunities with low and high energy muon beams - Palazzo Franchetti (09:00 - 11:00)

time	[id] title	presenter
09:00	[105] Physics with muTRISTAN	MATSUDO, Ryutaro
09:30	[106] Latest results of NA64-mu	MOLINA BUENO, Laura
10:00	[107] Results and perspectives with muonium experiments	Mr KAWAMURA, Naritoshi
10:30	[108] Physics of FAMU	Mr MENEGOLI, Alessandro

New Physics opportunities with low and high energy muon beams - Palazzo Franchetti (11:30 - 13:00)

time	[id] title	presenter
11:30	[109] Physics perspectives at the ion-muon collider	Prof. ACOSTA, Darin
12:00	[110] Theory overview of physics possibilities with low energy muon beams	
12:30	[111] Theory overview of physics possibilities with high energy muon beams	MARZOCCA, David

New Physics opportunities with low and high energy muon beams - Palazzo Franchetti (14:00 - 15:00)

time	[id] title	presenter
14:00	[50] Searches for heavy neutrinos at multi-TeV muon collider: a resonant leptogenesis perspective	ROY, HIMADRI
14:10	[51] Higgs self coupling at a 10 TeV Muon Collider	PALOMBINI, Leonardo
14:20	[57] Search for light Dark Sectors with the HIAF Muon Beam: HFRS-PKMu experiment proposal	WANG, Zijian
14:30	[62] Muon-decay parameters at COHERENT	DE LA CRUZ ALZAGA, Sergio
14:40	[52] Prospects for true muonium observation at existing beamlines and colliders	GARGIULO, Ruben
14:50	[54] Scintillating fibre-based muon beam monitor for the FAMU experiment	ROSSINI, Riccardo