

Second Lisbon mini-school on Particle and Astroparticle Physics

Wednesday 8 February 2017

Research Opportunities (09:00 - 11:20)

time	[id] title	presenter
09:30	[13] Rare and not-so-rare events: precision measurements and searches	LEONARDO, Nuno
09:40	[14] Machine learning applied to Higgs physics	STRONG, Giles
09:50	[15] Multivariate tool for search of SuperSymmetric particles	BARGASSA, Pedrame
10:00	[16] Fast sensors in LHC experiments and autonomous driving	VARELA, João
10:10	[17] Ultra High Energy Cosmic Ray Puzzles	ASSIS, Pedro
10:20	[18] The Pierre Auger Observatory: reaching beyond the 100 TeV frontier	CAZON, Lorenzo
10:30	[19] Gamma ray physics at high altitude in the southern hemisphere	TOME, Bernardo
10:40	[20] SNO+ neutrino experiment	ANDRINGA, Sofia
10:50	[21] From accelerators to the Cosmos	JOAQUIM, Filipe
11:00	[22] Constraining multi-Higgs dark matter	IVANOV, Igor
11:10	[23] CP-odd (basis) invariants	DE MEDEIROS VARZIELAS, Ivo

Research Opportunities (11:50 - 13:30)

time	[id] title	presenter
11:50	[24] Open Questions in Particle Physics for the XXI century	CASTELO BRANCO, Gustavo
12:00	[25] Study of ratio of charged kaons multiplicity at high momenta	STOLARSKI, Marcin
12:10	[26] Breakup reactions in halo nuclei towards the first FAIR experiments	GALAVIZ, Daniel
12:20	[27] A lattice QCD, física de partículas com HPC (computação de alta performance)	BICUDO, Pedro
12:30	[28] Hadron properties	PEÑA, Teresa
12:40	[29] Probing the most perfect liquid	APOLINÁRIO, Liliana
12:50	[30] Investigação na experiência ATLAS: detectores e trigger	CONDE MUÍÑO, Patricia
13:00	[31] Investigação na experiência ATLAS: análise de física	GONÇALO, Ricardo
13:10	[32] Higgs reloaded	SILVA, João Paulo
13:20	[33] Propriedades de Modelos com vários Higgs	ROMÃO, Jorge