

LIP Summer Internship - Final Workshop

Thursday, 7 September 2023

I: Neutrinos and Dark Matter (09:30 - 11:10)

-Conveners: Valentina Lozza (Lisboa)

time	[id] title	presenter
09:30	[1] Observing and measuring the first LHC neutrinos (ZOOM)	CLAUDIA PUERTAS
09:56	[5] Measuring the neutron capture cross section of Argon - a feasibility study	CAROLINA MACHADO
10:09	[4] Energy calibration of SNO+ with scintillator	ANDRÉ RODRIGUES
10:22	[3] À descoberta da natureza do neutrino: decaimento beta duplo sem neutrinos (ZOOM)	NUNO MANDEIRO, JOÃO RODRIGUES
10:35	[12] Detecção Directa de Matéria Escura com a Experiência LUX-ZEPLIN	LUÍS MELO, NICOLÁS TERRA, RAFAEL MARTINS, JOÃO SOUSA
10:53	[13] Higgs Physics at Future Colliders	RAFAEL AMADO, JOÃO SANTOS, MARIA MARQUES

Friday, 8 September 2023

I: LHC physics & QCD (09:30 - 11:00)

-Conveners: Catarina Quintans (Lisboa)

time	[id] title	presenter
09:30	[24] Investigating the Flavour Anomalies with Machine Learning at LHC	MADALENA FERREIRA, JOÃO SILVA
09:43	[19] Estudo de processos de produção exclusiva no LHC através de algoritmos de Machine Learning	FRANCISCO BALDÉ, ANDRÉ GOMES
09:56	[27] Studying Higgs production at the LHC and at future colliders	FONSECA, Sebastião
10:09	[28] Obtaining high-precision predictions for top-pair production at the LHC in perturbative QCD	ANDRÉ ALVES
10:22	[26] Hyperfine interactions in heavy quarkonia and heavy-light mesons	JOANA FERREIRA, VASCO VALVERDE
10:35	[29] Deciphering Jet Quenching Effects with Novel Analysis Tools	JAY NESBITT
10:48	[30] Novel probes of the primordial plasma (ZOOM)	RODRIGO FERREIRA