



# August Chats

## Thursday, 8 August 2019

### Student Seminars: Structure of Matter and heavy ion collision (11:30 - 13:30)

-Conveners: Liliana Apolinário

time	[id] title	presenter
11:30	[1] Extracting signals from busy LHC heavy-ion collisions	PARDAL, Alexandra GONÇALVES, Joao
11:45	[2] Parton Shower: From QCD to Monte Carlo event generators	BRÉE, Íris CARROLO, Sérgio
12:00	[3] Reconstructed Jets vs Reclustered Jets	CORDEIRO, André PINTO, Rafael
12:15	[7] Development of novel reconstruction techniques for low-energy gamma-ray showers	LÓIO, Hugo LOURENÇO, Luís

# Wednesday, 14 August 2019

## Student Seminars: Astroparticles (11:30 - 13:30)

-Conveners: Sofia Andringa

time	[id] title	presenter
11:30	[14] Gamma-ray astrophysics with current and future detectors	WAGNER BLOTZ
11:40	[10] (pre)supernova signals in SNO+	ANTÓNIO MASCHIO, MIGUEL AVILLEZ
11:50	[11] Efficient modeling of optical photon propagation in SNO+	SAMUEL MAGALHÃES
11:55	[12] Argon transparency to neutrons	LEONARDO OLIVEIRA
12:05	[13] AMBER - Physics simulations for a new experiment at CERN	RITA SILVA

# Friday, 23 August 2019

## Student Seminars: Detectors (11:25 - 13:30)

-Conveners: Tahereh Niknejad

time	[id] title	presenter
11:30	[20] High-precision timing detectors for HL-LHC	RAPOSO VÍLIA, Gonçalo DA CRUZ TRINDADE CARDOSO, Vítor Hugo
11:45	[18] O plástico na física de partículas: cintiladores e fibras ópticas	DA SILVA LARANJINHA, Francisco Caetano DOS SANTOS MIRANDA, Hugo Miguel PANDERO MUÑOZ, Ivan
12:00	[22] b-jets in Pb+Pb collisions with the ATLAS detector	REBANDA, Inês

# Thursday, 29 August 2019

## Student Seminars: LHC physics (11:30 - 13:30)

-Conveners: Patricia CONDE MUÑO

time	[id] title	presenter
11:30	[23] Exclusive tt-bar production in pp collisions at the LHC.	NOBRE GUERREIRO, Miguel
11:45	[24] Performance of the ATLAS Hardware Track Trigger for the High Luminosity Era	CRUZ, Filipe
12:00	[25] Study of the Higgs couplings to top quarks in ATLAS	FERNANDES, Gonçalo