

8th LIP/IDPASC PhD Students Workshop

Wednesday, 16 October 2024

Session 1: Group 1 - Auditório B1, Complexo Pedagógico 2 (14:15 - 15:00)

-Conveners: Annalisa Berti

time	[id] title	presenter
14:15	[2] Time-of-Flight technology implementation in the HadronPET for in-situ proton beam range monitoring	PINTO, Afonso
14:20	[3] Radiation Damage of Optical Components in ATLAS/LHC Tile Calorimeter	PINHEIRO PEREIRA, Beatriz
14:25	[6] The Stitching FLASH treatment planning method for proton FLASH radiotherapy: Combining FLASH with VMAT for brain irradiation	LOURENÇO, João
14:30	[7] R&D: New Plastic Scintillating Materials for Scintillator Calorimeters	MACHADO, Rudnei
14:35	[8] PicoMonitoring: sub-ns FLASH beam monitoring with Si devices	FERNANDEZ, Rui
14:45	[9] Discussion	

Session 1: Group 2 - Auditório B1, Complexo Pedagógico 2 (15:00 - 15:45)

-Conveners: Annalisa Berti

time	[id] title	presenter
15:00	[10] Heavy Baryon excitations using functional calculations with a quark-diquark model	TORCATO, André
15:05	[11] Exploring the conformal bootstrap at higher points	FERNANDES, Bruno
15:10	[12] Formal and phenomenological studies in the high energy of QCD	VACCARO, Dario
15:15	[13] Probing the Quark-Gluon Plasma with Heavy Flavour	LEGOINHA, Henrique
15:20	[14] Spectroscopy of exotic Pentaquark	TORRES ROJAS, Luis Raúl
15:30	[15] Discussion	

Session 1: Group 3 - Auditório B1, Complexo Pedagógico 2 (15:45 - 16:30)

-Conveners: Annalisa Berti

time	[id] title	presenter
15:45	[16] The potential benefits of proton therapy for neurodegenerative disorders	COELHO, Carina
15:50	[17] Cancer weapons against neurodegeneration	AFONSO, Francisca
15:55	[18] Modelling cell survival in AuNP-enhanced radiotherapy using voxelized cell geometries	ANTUNES, Joana
16:00	[19] Modelling of Prostate Cancer Progression: Integrating Tumor Growth and Angiogenesis	PALMEIRA, Matilde
16:05	[20] Beyond the Barrier: exploring α -nuclear potentials with exotic heavy nuclei	GERALDES BARBA, Francisco
16:15	[21] Discussion	