

Poster #	Title	Presenter(s)	Research group / competence centre / infrastructure
1	New Plastic Scintillators for Future Light-based Detectors	Rute Pedro, Agostinho Gomes, Pedro Mendes, Beatriz Pereira, Rudnei Machado	LOMaC
2	ATLAS and FCC Scintillator Detectors	Beatriz Pereira	ATLAS
3	Optimisation of search of CP violation in HWW interaction via WH production	Ricardo Barrué	ATLAS
4	Accelerating the ATLAS Trigger System with Graphical Processing Units	Nuno dos Santos Fernandes	ATLAS
5	AFP as a tool for New Physics Searches	Maura Barros	ATLAS
6	Higgs CP-sensitive parton-level distributions for particle mediators in Dark Matter simplified models	Esteban Chalbaud	LIP-Coimbra
7	Implementation and Integration of ACTS ITk Seeding	Luis Coelho	ATLAS
8	Using Machine Learning to Scan Beyond Standard Model Parameter Spaces	Fernando Abreu de Souza	LIP Minho - Pheno group
9	Quantum Computing	Maria Gabriela Jordão Oliveira, Miguel Caçador Peixoto	QML at LIP-Minho
10	AMBER Experiment at CERN	Rita Silva, Guilherme Almeida	COMPASS / AMBER
11	Heavy baryon spectroscopy using a quark-diquark approach	André Torcato	NPStrong
12	Pentaquarks in a Bethe-Salpeter approach	Luis Raul Torres Rojas	NPStrong
13	Integration of a mRPC for Precise Measurement of High-Momentum Protons in SRC	Manuel Xarepe, Daniel Galaviz	NUC-RIA
14	Nuclear Astrophysics: a complementary approach	Daniel Galaviz	NUC-RIA
15	The evaporator facility @ LIP/FCUL	Daniel Galaviz Redondo	NUC-RIA
16	Scattering and Neutrino Detector at the LHC	Guilherme Soares	SHiP/SND@LHC
17	Neutrino Physics with the LUX-ZEPLIN Detector	Paulo Brás	DarkMatter
18	A Prototype Detector for Neutrinoless Double Beta Decay Studies	Fátima Alcaso	Dark Matter Group
19	Particle reconstruction in large liquid scintillator detectors using charge and time signal modelization	João Antunes	Neutrino
20	Modeling the Radiobiological Effects of Gold Nanoparticles in Proton Therapy of Glioblastomas	Joana Antunes, Jorge Sampaio	Dosimetry
21	Proton therapy beyond cancer	Carina Coelho and Lia Pereira	NUC-RIA
22	Development of microdosimetric detectors for radiobiology in hadron therapy facilities	Cristiana Rodrigues	Dosimetry
23	Dosimetry evaluation to advance charged particle therapy	Jorge Miguel Sampaio	Dosimetry
24	Study of the viability of a scintillation detector for minibeam dosimetry	Duarte Guerreiro, Bianca Alves	Dosimetry
25	Distal edge determination for a multi-slat prompt-gamma camera: irradiation with a 200-MeV proton beam	João Silva	OR Imaging
26	Development of a Standard Methodology for Online Dose Calculation in Air	Rita Pestana	NUC-RIA
27	Construção de dispositivo baseado em Arduino para medidas de radiação	Nuno Castro, Henrique Carvalho, Raul Sarmento	ECO
28	Atomic structure calculations for biomedical and astrophysical applications	José Pires Marques	NUC-RIA/Dosimetry
29	Launching the Radiation Hard Electron Monitor aboard the JUICE mission	Francisca Santos	SpaceRad
30	Muography of a building	Sofia Andringa e Magda Duarte	Loumu
31	Pierre Auger Masterclasses	Henrique Carvalho, Raul Sarmento	Pierre Auger / ECO