

CPAD Workshop 2022

Tuesday, 29 November 2022

Cross Cutting Topics: #1 - Lecture Hall 2 (11:30 - 12:30)

-Conveners: Petra Merkel

time	[id] title	presenter
11:30	[157] Waveform Digitizing Electronics for Reading out Next Generation Detectors	MOSTAFANEZHAD, Isar
11:50	[128] The CYGNO experiment, a directional optically readout detector for Dark Matter searches	GASPAR MARQUES, David José
12:10	[91] Developments of ITkPixV1.1 module Quality Control tools	ZHAO, Haoran

Wednesday, 30 November 2022

Cross Cutting Topics: #2 - Room 201 (13:35 - 15:35)

-Conveners: Petra Merkel

time	[id] title	presenter
13:35	[107] The PISA concept: Photon Induced Scintillation Amplifier, an innovative high-gain photosensor for rare event detection	Dr BERNARDES MONTEIRO, Cristina M
13:55	[100] Cs3Sb and Ag-O-Cs as Diode Detectors for Low Energy Photon and Particle Detection	WINN, David
14:15	[159] Secular disequilibrium in materials: implications on background estimates for rare event detectors	HOBBS, Kirby
14:35	[129] Low-threshold Phonon-Mediated Hybrid Detectors with Background Discrimination	MIRABOLFATHI, Nader
14:55	[133] Cosmology with Line-Intensity Mapping using On-Chip Spectrometers and SPT-SLIM	ANDERSON, Adam
15:15	[154] A measurement and modeling of the complex impedance of the Transition Edge Sensor for the Ricochet experiment	Mr CHEN, Ran

Thursday, 1 December 2022

Cross Cutting Topics: #3 - Lecture Hall 2 (08:30 - 10:10)

-Conveners: Petra Merkel

time	[id] title	presenter
08:30	[2] Use of Diamond Sensors for High Radiation, Flux and Repetition Rate Applications	NIZAM, M
08:50	[112] Neutron Imaging Detectors using Ultra-Thin Converter Layers	AMARO, Fernando
09:10	[86] Measuring the Migdal Effect	ADAMS, Duncan
09:30	[67] Progress towards sub-keV Nuclear Recoil calibration	PATEL, Pratyush Kumar
09:50	[75] Measurement of material performance under incremental radiation dose for LHC – Phase II High Luminosity Upgrade	KARMAKAR, Sushrut