

CPAD Workshop 2022

Tuesday, November 29, 2022

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

-Conveners: Petra Merkel

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

Wednesday, November 30, 2022

Cross Cutting Topics: #2 - Room 201 (1:35 PM - 3:35 PM)

-Conveners: Petra Merkel

time	[id] title	presenter
1:35 PM	[107] The PISA concept: Photon Induced Scintillation Amplifier, an innovative high-gain photosensor for rare event detection	Dr BERNARDES MONTEIRO, Cristina M
1:55 PM	[100] Cs3Sb and Ag-O-Cs as Diode Detectors for Low Energy Photon and Particle Detection	WINN, David
2:15 PM	[159] Secular disequilibrium in materials: implications on background estimates for rare event detectors	HOBBS, Kirby
2:35 PM	[129] Low-threshold Phonon-Mediated Hybrid Detectors with Background Discrimination	MIRABOLFATHI, Nader
2:55 PM	[133] Cosmology with Line-Intensity Mapping using On-Chip Spectrometers and SPT-SLIM	ANDERSON, Adam
3:15 PM	[154] A measurement and modeling of the complex impedance of the Transition Edge Sensor for the Ricochet experiment	Mr CHEN, Ran

Thursday, December 1, 2022

Cross Cutting Topics: #3 - Lecture Hall 2 (8:30 AM - 10:10 AM)

-Conveners: Petra Merkel

time	[id] title	presenter
8:30 AM	[2] Use of Diamond Sensors for High Radiation, Flux and Repetition Rate Applications	NIZAM, M
8:50 AM	[112] Neutron Imaging Detectors using Ultra-Thin Converter Layers	AMARO, Fernando
9:10 AM	[86] Measuring the Migdal Effect	ADAMS, Duncan
9:30 AM	[67] Progress towards sub-keV Nuclear Recoil calibration	PATEL, Pratyush Kumar
9:50 AM	[75] Measurement of material performance under incremental radiation dose for LHC – Phase II High Luminosity Upgrade	KARMARKAR, Sushrut