

CPAD Workshop 2022

Tuesday, November 29, 2022

WG7: Photon Detectors (incl. CCDs) - Theater (4:00 PM - 6:00 PM)

-Conveners: Flavio Cavanna; Yordanka Ilieva; Nepomuk Otte

time	[id] title	presenter
4:00 PM	[M114] R\&D studies forward a SiPM-based readout for the dRICH detector at the EPIC experiment	ANTONIOLI, Pietro
4:20 PM	[M162] Stave-Oriented Photon Detector Readout with Event Waveform Recording	DEPTUCH, Grzegorz
4:40 PM	[M166] LoLX : Studying light in liquid xenon using SiPMs	REBEIRO, Bernadette Maria
5:00 PM	[M164] Light detection in DarkSide-20k with Silicon Photomultipliers	SAVARESE, Claudio
5:40 PM	[M162] Performance of Highly Irradiated SiPMs Coupled to LYSO:Ce Crystals for the CMS MTD Barrel Timing Layer	PEREZ LARA, Carlos

Wednesday, November 30, 2022

WG7: Photon Detectors (incl. CCDs) - Lecture Hall 1 (8:30 AM - 10:10 AM)

-Conveners: Nepomuk Otte; Flavio Cavanna; Yordanka Ilieva

time	[id] title	presenter
8:30 AM	[M130] Assessing the performance of metalenses to enhance the light collection of silicon photomultipliers	Dr STANFORD, Chris
8:50 AM	[M17] Stimulated Light Emission of Silicon Photomultipliers Devices	MCCARTHY, D
9:10 AM	[M10] Novel multi-channel skipper-CCD packages for the OSCURA experiment	BOTTI, Ana Martina
9:30 AM	[M156] Recent developments for fast readout of Skipper-CCD sensors for particle physics and optical applications	FERNANDEZ MORONI, Guillermo
9:50 AM	[M155] Towards a 10 kg Skipper-CCD detector: the multiplexing analog electronics for the OSCURA experiment	CHAVEZ, CLAUDIO

WG7: Photon Detectors (incl. CCDs) - Lecture Hall 1 (1:35 PM - 3:35 PM)

-Conveners: Yordanka Ilieva; Nepomuk Otte; Flavio Cavanna

time	[id] title	presenter
1:35 PM	[M18] Novel VUV Light Detection in a Pixelated Liquid Argon Time Projection Chambers	ASAADI, Jonathan
1:55 PM	[M16] The SBND photon detectors system	BLAKE, Andrew CASTILLO FERNANDEZ, Raquel ABRATENKO, Polina JONES, Rhiannon PANDEY, Vishvas
2:15 PM	[M163] Recent results from the pixel-based accelerated aging of Large Area Picosecond Photodetectors (LAPPD)	CHIRAYATH ET. AT., Varghese Anto
2:35 PM	[M124] Results on LAPPD 38 single photoelectron detection and measurements of charge cloud radius	MALACE, Simona
2:55 PM	[M109] Performance of MCP-PMT and LAPPD in Magnetic Field for RICH Detectors	XIE, Junqi
3:15 PM	[M153] 2D pixelated LAPPDs for Ring Imaging Cherenkov Detectors in High Energy and Nuclear Physics Experiments	KISELEV, Alexander

Thursday, December 1, 2022

WG7: Photon Detectors (incl. CCDs) - Room 201 (10:35 AM - 12:35 PM)

-Conveners: Flavio Cavanna; Nepomuk Otte; Yordanka Ilieva

time	[id] title	presenter
10:35	AM [94] New developments in large area MCP-PMTs	LYASHENKO, Alexey
11:15	AM [102] Micro-Machined Vacuum Single Photon Photodetector with sub-ns time resolution, 100's MHz rates and high dynamic range	WINN, David
11:35	AM [113] The R&D of the MCP based PMTs for High Energy Physics Detectors	QIAN, Sen
11:55	AM [54] Tests of an MCP-PMT with an Active Ion Barrier	Prof. BRANDT, Andrew
12:15	PM [108] Following real-time biochemistry in live cell	PEREVERZEV, Sergey