

CPAD Workshop 2023

Tuesday, November 7, 2023

RDC9: Session #1 (Calorimetry) (4:00 PM - 6:00 PM)

-Conveners: Minfang Yeh; marina artuso

time	[id] title	presenter
4:00 PM	[180] The LFHCAL forward hadronic calorimeter for the EPIC detector at the EIC	HARTBRICH, Oskar
4:15 PM	[4] Studies of time resolution, light yield, and crosstalk using SiPM-on-tile calorimetry for the future Electron-Ion Collider	RODRIGUEZ, Miguel
4:30 PM	[3] Leveraging Staggered Tessellation for Enhanced Spatial Resolution in High-Granularity Calorimeters	PREINS, Sean
4:45 PM	[61] RADiCAL: Ultra-compact, Radiation-hard, Fast-timing EM Calorimetry	WETZEL, James
5:00 PM	[123] The Optimal use of Segmentation for Sampling Calorimeters	MILTON, Ryan
5:15 PM	[2] Beam Test of the First Prototype of SiPM-on-Tile Calorimeter Insert for the EIC Using 4 GeV Positrons at Jefferson Laboratory	ZHANG, Weibin
5:30 PM	[201] Dual-readout calorimetry with homogenous crystals	HIROSKY, Bob
5:45 PM	[14] Low-Dose TOF-PET Based on Surface Electron Production in Dielectric Laminar MCPs	POE, Cameron

Wednesday, November 8, 2023

RDC9: Session #2 - 51/1-102 - Kavli Auditorium (4:00 PM - 6:00 PM)

-Conveners: Minfang Yeh; marina artuso

time	[id] title	presenter
4:00 PM	[192] Water-based Liquid Scintillator 30-ton Demonstration and Calorimetry Application	ROSERO, Richard GOKHALE, Sasmit
4:15 PM	[83] Eos: A Ton-Scale Hybrid Neutrino Detector	BALDONI, Adam
4:30 PM	[33] Progresses of Inorganic Scintillators for Future HEP Calorimeters	Dr ZHU, Ren-Yuan
4:45 PM	[8] Light yield non-proportionality of LYSO scintillators to gamma rays and measurement of the Birks-Onsager quenching parameters.	NOZZOLI, Francesco
5:00 PM	[76] Minimum Requirements for a low-Z-medium detector for low-dose high-resolution TOF-PET	DOMURAT-SOUSA, Kepler
5:15 PM	[105] Simulated Performance of the SiD Digital ECal Based on Monolithic Active Pixel Sensors	BRAU, James

Thursday, November 9, 2023

RDC9: Round Table - 48/1-112C/D - Redwood C/D (4:00 PM - 6:00 PM)

-Conveners: marina artuso; Minfang Yeh

time	[id] title	presenter
4:00 PM	[271] Topics for roundtable discussion	WHITE, Andrew HIROSKY, Bob BRAU, James BRAU, Jim YEH, Minfang RUCHTI, Randal ZHU, Ren-Yuan ARTUSO, marina