



# CPAD Workshop 2023

## Tuesday, November 7, 2023

**Poster Session - B53 Lobby (6:00 PM - 8:00 PM)**

-Conveners: Noah Kurinsky

[id] title	presenter	board
[104] Testing and characterization of the RD53 ATLAS pixel production readout ASIC (ITkPixV2) for HL-LHC	MIRONOVA, Maria	
[112] System tests for prototypes of the ATLAS ITK pixel detector	ZHENG, Zhi	
[131] A scalable scientific detector platform (SSDP)	SWABY, Akyl	
[100] A novel approach to purification in small-scale noble liquid systems	GREENBERG, Stephen	
[154] TinyTPC - A test stand for photosensitive dopants	LEMOINE, Hannah	
[149] R&D program for Doped Liquid Argon TPCs	PSIHAS, Fernanda	
[97] Radiopurity.org Materials Database Development	JACKSON, Chris	
[133] Backgrounds and decoherence due to energy accumulation and releases in materials	PEREVERZEV, Sergey	
[74] Underlying physics properties for identifying 511 keV gammas in high-Z crystal PET	DOMURAT-SOUSA, Kepler	
[88] Two-stage Cryogenic Charge Amplifier for Semiconductor Dark Matter Detectors	PHIPPS, Arran	
[182] Warm Electronics for Time Division Multiplexed (TDM) SQUID readout of CMB-S4	REESE, Benjamin	
[129] ATLAS ITk Pixel Module Electrical Quality Control	THOMPSON, Emily	
[168] Cryo-CMOS at SLAC: Present and Future	PENA PEREZ, Aldo	
[155] Maximizing Filtration Efficiency for Gadolinium Sulfate Retention in Water-Based Liquids Scintillators	WOOLEY, DeAngelo	
[206] Investigating e- Light Yield in Scintillating Media	MCGUIRE, Zachary	
[153] Status of ADRIANO2 R&D in T1604 Collaboration	GATTO, Corrado	
[27] Overview and Status of the SPLENDOR Experiment	WATKINS, Samuel	
[140] Instrumentation for Resolving Nuclear Recoils in Argon Based TPCs	ANTONAKIS, Alexander	
[119] Testbeam measurements with ALICE MAPS prototype	VASSILEV, Mirella	
[16] A User-Friendly, Highly-Extendable Geant4 Wrapper for Process-Based Detector Development	POE, Cameron	
[34] Why would you put a flashlight in a dark matter detector?	GIBBONS, Ryan	
[103] The TOPAS Tool for Particle Simulation	PERL, Joseph	
[29] The beam test of the lead tungstate calorimeter prototype with SiPM readout at Jefferson Lab	BERDNIKOV, Vladimir	
[75] Progress on a SiPM for readout of the fast component of BaF2 scintillation light	Prof. HITLIN, David	

<b>[80] High-performance Dichroic Filters Development for Large-Scale Neutrino Detector</b>	LI, Yichen	
<b>[52] The Quantum Capacitor Detector – counting single photons in the far-infrared</b>	ECHTERNACH, Pierre	
<b>[134] Quantum micromachines and IR bioluminescence</b>	PEREVERZEV, Sergey	
<b>[139] The Detector Microfabrication Facility at SLAC for quantum and superconducting sensors</b>	AHMED, Zeeshan	