

CPAD Workshop 2023

Tuesday, 7 November 2023

Plenary - 51/1-102 - Kavli Auditorium (08:30 - 10:30)

-Conveners: Noah Kurinsky

time	[id] title	presenter
08:30	[231] Opening Remarks	KURINSKY, Noah
08:40	[232] Introduction to CPAD and RDCs	MERKEL, Petra
08:52	[270] Viewpoint of the RDCs from the DOE Program Manager for Detectors	MARSISKE, Helmut
09:00	[233] Overview of DRDs in Europe	BERGAUER, Thomas
09:40	[234] Detector Challenges for Future Colliders	ARTUSO, Marina

Plenary - 51/1-102 - Kavli Auditorium (11:00 - 12:30)

time	[id] title	presenter
11:00	[235] Quantum Devices for HEP	IRWIN, Kent
11:40	[236] Detectors for DUNE Phase 2	ASAADI, Jonathan

Wednesday, 8 November 2023

Plenary: Award Talks - 51/1-102 - Kavli Auditorium (08:30 - 10:33)

time	[id] title	presenter
08:30	[162] 2023 DPF Instrumentation Awards	MERKEL, Petra
08:35	[160] 2023 DPF Instrumentation Award	SALTZBERG, David GORHAM, Peter
09:10	[161] 2023 DPF Instrumentation Early Career Award	DWYER, Dan
09:45	[163] 2023 GIRA Awards	KURINSKY, Noah
09:50	[164] A Qubit Inspired Ion Sensor for Barium Tagging in Neutrinoless Double-Beta Decay Searches	NAVARRO, Karen
10:05	[165] Development of Quantum Optomechanical Sensors for Dark Matter and Sterile Neutrino Searches	TSENG, Yu-Han
10:20	[166] First Definitive Demonstration of Electron Counting in Three Dimensions	GHREAR, Majd

Thursday, 9 November 2023

Plenary: Early Career Talks - 51/1-102 - Kavli Auditorium (08:30 - 10:30)

time	[id] title	presenter
08:30	[13] Novel Quantum Materials and Sensing for Low Energy Event Detection	FINK, Caleb
08:50	[68] The Fermilab and Illinois Express Quantum Networks — Synergies with HEP Science	PEÑA, Cristián
09:10	[143] Skipper CCD-in-CMOS active pixel sensor: status and first characterization results	FERNANDEZ MORONI, Guillermo Dr ALCADE, Fabricio
09:30	[94] Probing sub-GeV dark matter with superfluid helium	VELAN, Vetri
09:50	[179] Thin film particle tracking detectors	KIM, Sungjoon
10:10	[242] SiPM for the Tile Calorimeter Insert	ARRATIA, Miguel

Friday, 10 November 2023

Plenary: Memorial Symposium for Gary Varner - 51/1-102 - Kavli Auditorium (11:00 - 11:30)

-Conveners: Peter Orel; Oskar Hartbrich

Plenary: Closeout - 51/1-102 - Kavli Auditorium (11:30 - 12:15)

time	[id] title	presenter
11:30	[272] Workshop Summary and Next Steps	ASAADI, Jonathan MERKEL, Petra