

EPICS Collaboration Meeting in April 2023

Tuesday, April 25, 2023

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (11:00 AM - 12:00 PM)

-Conveners: Eileen Crowley

time	[id] title	presenter
11:00 AM	[M11] ESS Controls Status Update	KORHONEN, Timo
11:20 AM	[M16] Updates on EPICS Deployment at NSLS-II	DERBENEV, Anton
11:40 AM	[M19] Background and Development Status of the EIC Common Platform	JAMILKOWSKI, James

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (1:00 PM - 3:00 PM)

time	[id] title	presenter
1:00 PM	[M04] ALS control system status report	DACH, Miroslaw
1:20 PM	[M25] Overview of Data and Control Systems at NASA's Armstrong Test Facility	EVANS, Richard
1:40 PM	[M30] Moving on from VME without Breaking the Bank	RIVERS, Mark
2:00 PM	[M14] ADTimePix3	GOFRON, Kazimierz
2:20 PM	[M10] BxB BPM and EPICS interface using the RFSoc FPGA	HA, Kiman
2:40 PM	[M57] Ethernet as a Fieldbus: Scaling Distributed Systems Interfacing with EPICS and ACNET	SANTUCCI, robert

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (3:30 PM - 4:50 PM)

time	[id] title	presenter
3:30 PM	[M30] CS-Studio Phoebus & Logbook at ESS	REGNELL, Susanne
3:50 PM	[M9] EPICS and IPv6	KASEMIR, Kay
4:10 PM	[M27] ACORN Human Factors	HILL, Rachael
4:30 PM	[M46] C2 Data Viewer: Visualization tool for EPICS7 Data Streaming	CHANDLER, Elaine

Wednesday, April 26, 2023

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (9:00 AM - 10:20 AM)

time	[id] title	presenter
9:00 AM	[M144] EPICS in Context of Machine Learning, Beam Tuning and Offline Scientific Computing	WHITE, Gregory
9:20 AM	[M124] Introduction to Machine Learning	BHARDWAJ, Gopika
9:40 AM	[M115] AI/ML hosted on FPGAs at Fermilab	BERLIOZ RIVERA, Jose Rene IBRAHIM, M. A.
10:00 AM	[M141] DATASTORE: Time correlated storage and access of experimental data	MCINTYRE, George

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00 AM	[M111] Machine Learning Operations for Accelerator Control	MICELI, Tia
11:20 AM	[M145] Experience with Machine Learning Enhanced Modeling and Optimization at SLAC	EDELEN, Auralee
11:40 AM	[M128] Optimization of experiment and accelerator performance using beam synchronous EPICS data	LUTMAN, Alberto

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (1:00 PM - 2:00 PM)

time	[id] title	presenter
1:00 PM	[M134] ChannelFinder	SHROFF, Kunal
1:20 PM	[M120] PVXS in your IOC	DAVIDSAVER, Michael
1:40 PM	[M118] EPICS Base — What's New	JOHNSON, Andrew

Thursday, April 27, 2023

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[M119] TLS for PVA?	DAVIDSAVER, Michael
9:30 AM	[M137] ACCELERATOR SYSTEMS CYBER SECURITY ACTIVITIES AT SLAC	WHITE, Gregory
9:50 AM	[M129] Improving security in RTEMS and EPICS IOC applications	BANERJEE, Vijay EZEObI, Uchenna
10:10 AM	[M143] Considerations Involving the High Level Applications Services for the EIC Project	JAMILKOWSKI, James

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (11:00 AM - 12:00 PM)

time	[id] title	presenter
11:00 AM	[M125] LANSCE migration to an all-EPICS control system as enabled by Data Access EPICS, Industrial I/O, and IvPortDriver	BAILY, Scott
11:20 AM	[M124] EPICS IOC Implementation on SoC FPGA based LLRF controllers	KUNJIR, Shiraj
11:40 AM	[M107] EPICS for small labs	JUNKES, Heinz

Plenary Session: Presentations - Ramsey Auditorium (Wilson Hall) (1:00 PM - 2:40 PM)

time	[id] title	presenter
1:00 PM	[M148] The Use of a Component Database for the APS Upgrade Project	ARNOLD, Ned
1:20 PM	[M133] NSLS-II HEX Beamline Motion Control with Power PMAC Controller	MA, Jun
1:40 PM	[M108] PhantasyCalc - Integrating EPICS Data into a Spreadsheet Application	ZHANG, Tong
2:00 PM	[M112] AI Based Stabilization of Sample Environments	HENDERSON, Morgan
2:20 PM	[M149] EPICS-TCA, a Node.js Library for EPICS Channel Access and PV Access Protocols	HAO, Hao