EPICS Collaboration Meeting

Tuesday 17 September 2024

EPICS Meeting Talks - Iran Thomas Auditorium (09:00 - 10:10)

time	[id] title	presenter
09:00	[84] Welcome	WHITE, Karen
09:10	[47] EPICS at ORNL	WHITE, Karen
09:30	[75] Upgrading the APS Accelerator EPICS Control Systems	JOHNSON, Andrew
09:50	[15] Upgrade Plan and Status of the ALS Storage Ring RF Control System	US SAQIB, Najm

EPICS Meeting Talks - Iran Thomas Auditorium (10:30 - 12:10)

time	[id] title	presenter
10:30	[65] Bridging ADO and EPICS for the Electron Ion Collider (EIC)	KABIR, Md Latiful
10:50	[73] EPICS and Related Software at NSLS-II	SINSHEIMER, John
11:10	[81] Design and construction status report from the LCLS-II High Energy project control system	MOCK, Jeremy
11:30	[42] Status of APS Accelerator Controls System	SHEN, GUOBAO
11:50	[55] Status Update on transition to EPICS at the ISIS Accelerators	Dr FINCH, Ivan

EPICS Meeting Talks - Iran Thomas Auditorium (13:20 - 15:00)

time	[id] title	presenter
13:20	[66] Epics use in Industry - Sigray Inc.	STRIPE, Benjamin
13:40	[74] What's new in EPICS Base	JOHNSON, Andrew
14:00	[72] retools: EPICS Regular Expression tools for IOCs	DA CUNHA NARIYOSHI, Pedro
14:20	[27] The past and future of require at ESS	ROSE, Simon
14:40	[49] EPICS IPMI -- Operational Experience and Difficulties	WEBB, Brad

EPICS Meeting Talks - Iran Thomas Auditorium (15:30 - 17:10)

time	[id] title	presenter
15:30	[82] Utilizing Python to Support Operational Functions	BROWN, David
15:50	[31] Developing and Integrating EPICS Drivers in Python: Leveraging PCASpy and BOS at the Berkeley Center for Structural Biology (BCSB)	FELIPE MACHADO GAZOLLA, Joao Gabriel
16:10	[57] RecSync-rs: A Rust/Python implementation of RecCaster	Dr FINCH, Ivan
16:30	[24] EPICS Support for EIC Common Platform Hardware	BACHEK, Paul
16:50	[71] Transitioning to EPICS at EIC: UDP-Based Waveform Monitoring	FAHEY, Kyle

Wednesday 18 September 2024

EPICS Meeting Talks - Iran Thomas Auditorium (09:00 - 10:20)

time	[id] title	presenter
09:00	[35] Real Time Linux Notes	KASEMIR, Kay
09:20	[36] ORNL Accelerator EPICS Controls Running Buildroot on uTCA Systems	WADDEL, Matt
09:40	[38] Zero to hero: bootstrapping control system development at a new facility	VARLEC, Jure
10:00	[52] Standardising the Creation of PVAServers at ISIS	BAKER, Kathryn

EPICS Meeting Talks - Iran Thomas Auditorium (10:50 - 12:10)

time	[id] title	presenter
10:50	[16] OACTree - Using behavior trees to automate operations and control	VAN HERCK, Walter
11:10	[33] Climbing the OACTree	KORHONEN, Timo
11:30	[51] APS Controls Infrastructure Monitoring System	JAROSZ, Dariusz
11:50	[58] An Update to Canadian Light Source PV-Monitor	HORITA, Augusto

EPICS Meeting Talks - Iran Thomas Auditorium (13:20 - 15:00)

time	[id] title	presenter
13:20	[37] Update on the Transition to Phoebus at the Karlsruhe Institute of Technology	BLOMLEY, Edmund
13:40	[45] Phoebus Tools and Services: Status Update	SHROFF, Kunal
14:00	[30] User Experience Analytics Plugin for Phoebus	DAYKIN, Evan
14:20	[46] Phoebus Save and Restore Service	WEISS, Georg
14:40	[80] TDM, an EPICS display manager based on web technologies	HAO, Hao

EPICS Meeting Talks - Iran Thomas Auditorium (15:30 - 17:30)

time	[id] title	presenter
15:30	[40] Integration of Fermilab's Legacy Controls System into EPICS/Phoebus	Dr BADGETT, William
15:50	[53] Deploying EPICS IOCs using Buildroot and Docker	GEISERT, Austin
16:10	[56] PVAccess, Docker, and the UDP Broadcast problem	Dr FINCH, Ivan
16:30	[23] SARAF Cryomodule Test Stand	DESMARCHELIER, Gabriel
16:50	[43] The testing infrastructure of EPNix	NICOLE, Remi

Thursday 19 September 2024

EPICS Meeting Talks - Iran Thomas Auditorium (09:00 - 10:20)

time	[id] title	presenter
09:00	[50] Integrating Machine Learning Models into EPICS	BAKER, Kathryn
09:20	[70] A Data Science and Machine Learning Platform Supporting Large Particle Accelerator Control and Diagnostics Applications	MCCHESNEY, Craig
09:40	[64] Utilizing the ELK Stack for Controls Logging at APS	XIAO, Lingran
10:00	[68] Synchronous Data Service EPICS module based on PVXS and Normative Types for the European Spallation Source	SCALAO MARTINS, Joao Paulo

EPICS Meeting Talks - Iran Thomas Auditorium (10:50 - 12:10)

time	[id] title	presenter
10:50	[39] Data acquisition system at APS	CHANDLER, Elaine
11:10	[10] OPC UA Device Support – Update	LANGE, Ralph
11:30	[54] Hardware Emulation For Iterative EPICS Development	BOISVERT, Aidan
11:50	[67] EPICS Deployment at Sigray using Docker	STRIPE, Benjamin TRUONG, Hong

EPICS Meeting Talks - Iran Thomas Auditorium (13:20 - 15:00)

time	[id] title	presenter
13:20	[48] EPICS software development of the Fast Event System for APS-U	SHEN, GUOBAO
13:40	[44] Digital Cameras For Beam Diagnostics at APS	WANG, Suyin
14:00	[79] Experience of upgrading VME IOC to EPICS 7 at SNS	HAO, Hao
14:20	[63] Beamline Data Pipeline Design Experiences Under APS Upgrade	LANG, Keenan
14:40	[69] INTEGRATION OF HKL SINGLE CRYSTAL COMPUTATIONS INTO EPICS USING PYDEVICE	GOFRON, Kaz

EPICS Meeting Talks - Iran Thomas Auditorium (15:30 - 17:40)

time	[id] title	presenter
15:30	[61] The EPICS Summer School 2024	LANGE, Ralph
15:50	[9] EPICS Diode – One-Way Data for Secure Remote Participation	LANGE, Ralph
16:10	[2] Early Secure PVAccess Prototype	KASEMIR, Kay
16:30	[77] Secure PV Access Project Overview	WHITE, Gregory
16:50	[78] Secure PV Access Demo	MCINTYRE, George
17:30	[83] Closeout	WHITE, Karen