EPICS Collaboration Meeting

Monday, 7 April 2025

EPICS Plenary Session: EPICS Plenary Session - Pickavance Lecture Theatre/Visitor Center (11:00 - 17:00)

time	[id] title	presenter
11:00	[21] Status Update on transition to EPICS at the ISIS Source	FINCH, Ivan
11:20	[27] EPICS Diode – One-Way Data for Secure Remote Participation	LANGE, Ralph
11:40	[59] How to teach an old Tokamak new tricks	ASTRAIN ETXEZARRETA, Miguel
12:00	[42] Testing for SARAF Project: EPICS CI/CD Pipeline Insights	NADOT, Victor
12:30	Lunch	
13:30	[47] Extreme Photonics Application Centre (EPAC) status report	GREGORY, Chris
13:50	[12] Data Acquisition and Management for Machine Physics and Experimental Beamlines with EPICS	DALESIO, Leo
14:10	[9] New Features in ADTimePix3 Controls for Neutron Detection	GOFRON, Kazimierz
14:30	[61] The EPAC camera system	GREGORY, Chris
14:50	[57] Bridging Simulation and Reality: EPICS controls for xrt Beamline Digital Twins	Dr CHERNIKOV, Roman
15:00	Coffee and Tea	
15:45	[11] Leveraging EPICS for Control Software in the Electron-Ion Collider	KABIR, Md Latiful
16:05	[41] EPICS Council Report	WHITE, Karen
16:25	[5] OPC UA Device Support – Update	Dr ZIMOCH, Dirk LANGE, Ralph
16:35	[10] Using compress records in the real world	HUNT, Steven
16:40	[6] Use Cases for Native EPICS Records vs. Third Party Record Servers	BROWN, David
16:45	[36] Phoebus in the Dark	BOBEK, Urban

Tuesday, 8 April 2025

EPICS Plenary Session: EPICS Plenary Session - Pickavance Lecture Theatre/Visitor Center (09:00 - 17:00)

time	[id] title	presenter
09:00	[40] Control System Upgrades at SNS	WHITE, Karen
09:20	[20] Data acquisition and processing for Zynq UltraScale+ based AMCs using high-level synthesis languages	PIÑAS, Alejandro
09:40	[28] PLC PARSER TOOL FOR EPICS DATABASE GENERATION	SAINTIN, Katy
10:00	[50] EPICS and AsynPortDriver solve rapid data movement challenges	MILNE, Peter
10:20	[7] Overview of the new Omroneip ethernet/IP EPICS driver	SMITH, Phil
10:30	Coffee and Tea	
11:00	[25] State of Controls at the KIT Accelerator Facilities	BLOMLEY, Edmund
11:20	[32] EPICS in small labs, ‘Quo vadis’ hardware for data acquisition	JUNKES, Heinz
11:40	[35] FastCS - A framework for building device support in Python for EPICS, Tango and more	YENDELL, Gary
12:00	[64] Hardware is Hard	DAVIDSAVER, Michael
12:20	[55] EPICS & Phoebus web tools survey	GAUGHRAN, Martin
12:30	Lunch	
13:30	[26] Introduction to ADPixci	RAILTON, Irie
13:35	[13] Introducing EPICS Chat	LANGE, Ralph
13:55	[30] web-pvtools - PV client tools for web	WANG, Lin
14:15	[43] Bluesky at the ISIS Neutron and Muon Source	WILLEMSEN, Tom
14:35	[44] Introducing OAuth2 in Olog/Phoebus Software	NAPOLEONI, Giovanni Lorenzo
14:55	[56] Python Accelerator Middle Layer	GAUGHRAN, Martin
15:00	Coffee and Tea	
15:30	[34] oac-tree - Using behavior trees to automate operations and control	VAN HERCK, Walter
15:50	[45] The IBEX web dashboard	HARPER, Jack
16:10	[33] Development of Phoebus Applications in CSNS	LI, Mingtao
16:30	[14] Designing documentation for an EPICS development and deployment framework	NICOLE, Rémi
16:50	[29] CONTROL SYSTEM STUDIO FOR MUSCADE	SAINTIN, Katy

Wednesday, 9 April 2025

EPICS Plenary Session: EPICS Plenary Session - Pickavance Lecture Theatre/Visitor Center (09:00 - 17:00)

time	[id] title	presenter
09:00	[17] IFMIF-DONES Control Systems: General Architecture	CARVAJAL ALMENDROS, Celia
09:20	[16] EPICS at IFMIF-DONES: functionality and possible improvements	Dr GUTIÉRREZ, Manuel J.
09:40	[15] Ophyd-async: status and roadmap	COBB, Tom
10:00	[19] Thoughts on improving programming practices in EPICS	VARLEC, Jure
10:20	[60] Rust anyone ?	BÖGERSHAUSEN, Torsten
10:30	Coffee and Tea	
11:00	[46] Update on EPICS Deployment at Fermilab	HANLET, Pierrick
11:20	[8] Recent developments and plans for EPICS 7	JOHNSON, Andrew
11:40	[58] EPICS Cybersecurity Update	MCINTYRE, George
12:00	[63] Integrated control of a chip scanner for time-resolved crystallography at the NSLS-II FMX beamline	SCHAFFER, Robert
12:05	[65] PVXS Update	DAVIDSAVER, Michael
12:10	[66] Phoebus Archiver Datasource	SHROFF, kunal
12:15	[38] TRISHUL Facility Update	Ms GAMBHEERRAO, Sathvika
12:30	Lunch	
13:30	[18] Introduction to the software and hardware platforms for the Pre-Project of the ICONE Accelerator	GAGET, Alexis
13:50	[37] Development of a customised wrapper for p4p	KURUP, Ajit
14:10	[62] ESS' Controls Ecosystem	LINDH OLSSON, Anders
14:30	[54] Controlling ESS Timing System using EPICS Normative Types	DE SOUZA FEDEL, Gabriel
14:50	[52] Implementing a P4P-Based Serial Driver for Moxa TCP Communication with ISIS Serial Devices	BOUHELALI, Nadir
15:00	Coffee and Tea	
15:30	[51] LabIOC - Channel Access server and client in pure LabVIEW	MAJER, Karel
15:35	[53] A PVAccess library for LabVIEW	TITMARSH, Ross
15:55	[39] RecSync-rs: A Rust/Python implementation of RecCaster	ALSHAFEI, Aqeel
16:00	[22] pvAccess and Virtualisation	FINCH, Ivan
16:20	[48] Rapid Device Support Development Using Hardware Abstraction Server and P4P	SUKHANOV, Andrei
16:25	[49] EPICS containers @INFN—LNF: EPIK8s	Dr MICHELOTTI, Andrea
16:30	[80] Channel Finder Metrics	BREWER, Sky