EPICS Collaboration Meeting, Spring 2017
- timetable (tentative) -

Monday, May 15, 2017

9:00–10:00	**Registration**, Bread and coffee		
10:00–12:00	**Seminar 1: EPICS for beginners**		
	AM	Very basic introduction of Epics	Norihiko Kamikubota	KEK/J-PARC
	AM	Database hands-on #1 using Yokogawa PLC (RP61/Linux-Epics)	Technical Advisers*
		*M.Satoh, S.Yamada, K.C.Sato, S.Sasaki (KEK); R.Lange (ITER)	
12:00–13:20	**Lunch**		
13:20–16:30	**Seminar 1: EPICS for beginners** (continued)		
	PM	Database hands-on #2 using Yokogawa PLC (RP61/Linux-Epics)	Technical Advisers
	PM	Install EPICS on Raspberry-pi	Masako Iwasaki	Osaka City Univ.

Tuesday, May 16, 2017

9:00–10:00	**Registration**, Bread and coffee		
10:00–12:00	**Opening session**		
	10:00 Welcome address by Vice-director of KURRI		RRI, Kyoto Univ.
	10:20 KURRI and FFAG overview	Yasutoshi Kuriyama	RRI, Kyoto Univ.
	10:40 EPICS-based control of FFAG	Yasutoshi Kuriyama	RRI, Kyoto Univ.
	EPICS core development & status		
	11:00 EPICS Base – Status and Plans	Ralph Lange	ITER Organization
	11:20 EPICS on RTEMS 4.12	Heinz Junkes	Fritz-Haber-Institute
	11:40 EPICS activities in Japan	Norihiko Kamikubota	KEK/J-PARC
12:00–13:20	**Lunch**		
13:20–15:00	**Accelerator control and operation**		
	13:20 Controls for NSLS-II Top Off Operation	Yong HU	BNL (Brookhaven National Lab.)
	13:40 SuperKEKB damping ring timing system and event controls for simultaneous injections for 4 storage rings	Kazuro Furukawa	KEK/KEKB
	14:00 Overview of EPICS-based control system for cERL and iBNCT	Takashi Obina	KEK/PF
	14:20 Single board computers for EPICS IOC and its reliability at RIKEN RIBF	Akito Uchiyama	RIKEN/RIBF
	14:40 LIPAc Project: development statu	Alvaro Marqueta	F4E – IFMIF/LIPAc

15:00–15:20	Coffee break		
15:20–16:40	**Control for non-accelerator**		
	15:20 The Design of a Detector Control System Based on EPICS (JUNO neutrino observatory)	Mei Ye	IHEP (Institute of High Energy Physics), Beijing
	15:40 EPICS environment at J-PARC neutrino facility	Kazuo Nakayoshi	KEK/J-PARC
	16:00 Plan to use EPICS in home security service	Toshiaki Aoyama	Kanto Information Service
	16:20 EPICS Education at University	Masako Iwasaki	Osaka City Univ.

Wednesday, May 17, 2017

9:00–9:40	Bread and coffee		
9:40–11:00	**Tools and devices (IoT)**		
	9:40 Realtime control for KAGRA covered by EPICS	Osamu Miyakawa	ICRR, University of Tokyo
	10:00 Development of MQTT-Channel Access Bridge	Jiro Fujita	Creighton Universtiy
	10:20 ChatOps: an EPICS adventure	Matt Clarke	Science and Technology Facilities Council
	10:40 USB Human Interface Devices and EPICS	Keenan C. Lang	ANL (Argonne National Laboratory)
11:00–11:20	Coffee break		
11:20–12:00	**Special topic**		
	11:20 KURAMA-II and the environmental radiation survey in Fukushima	Minoru Tanigaki	RRI, Kyoto Univ.
	11:50 ⟨Group Photo⟩		
12:00–13:20	Lunch		
13:20–15:00	**ITER related topics**		
	13:20 ITER & CODAC Core System – Status Update	Ralph Lange	ITER Organization
	13:40 Status of fast controller EPICS device supports for ITER Project	Vishnukmar B. Patel	ITER Organization
	14:00 ITER AC/DC Converter Control System	Rahk Sang Lee	Dawonsys
	14:20 Status of I&C System Development for ITER Diagnostic Systems in Japan	Tsuyoshi Yamamoto	QST (National Institutes for Quantum and Radiological Science and Technology)
	14:40 Development of local control system for ITER Gyrotron using EPICS	Yasunori Hashimoto	Japan EXpert Clone Corp.
15:00–15:20	Coffee break		
15:20–17:00	**KURRI laboratory tour**		
	Visit reactor and FFAG accelerator		

Thursday, May 18, 2017
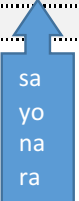
9:00–9:40	Bread and coffee		
9:40–10:40	Tools and devices		
	9:40 CS-Studio Display Builder Update	Kay Kasemir	ORNL/SNS
	10:00 Lessons learned implementing a Channel Access gateway in Python with pyuv	Daniel J. Lauk	PSI (Paul Scherrer Institute)
	10:20 Migration from Channel Archiver to Archiver Appliance in J-PARC MR	Shuei Yamada	KEK/J-PARC
10:40–11:00	Coffee break		
11:00–12:00	Tools and devices (continued)		
	11:00 New EVG and EVR features in Delay Compensation capable timing hardware	Jukka Pietarinen	Micro-Research Finland Oy
	11:20 New contoroller F3RP71 for EPICS IOC	Yutaka Kubota	Yokogawa Electric Corporation
	11:40 Introduction of Device and Driver Support for Yokogawa F3RP71	Shuei Yamada	KEK/J-PARC
12:00–13:20	Lunch		
13:20–14:00	Short talks (tentative)		
	13:20 An IRMIS Extension: cRIO Wiring Information System (tentative)	Kanglin Xu	LANSCE
	13:40 The EPICS running environiments in the five accelerator projects (tentative)	Qingru Mi	Shanghai Institute of Applied Physics,
14:00–15:00	Closing session		
	14:00 Closing		RRI, Kyoto Univ.

Friday, May 19, 2017			
9:00–9:40	Bread and coffee		
9:40–12:000	Seminar 2: EPICS for advanced users		
	AM Introduction of Epics V4	Ralph Lange	ITER Organization
	AM Introduction and training of CSS	Kay Kasemir	ORNL/SNS
12:00–13:20	Lunch		
13:20–15:30	Seminar 2: EPICS for advanced users (continued)		
	PM Experience of introducing V4 at SNS beamlines	Kay Kasemir	ORNL/SNS
	AM&PM ＊ Demonstration setup of V4 and CSS ＊		

EPICS Collaboration Meeting, Spring 2017
 - schedule overview (tentative) -

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	2017/5/14	2017/5/15	2017/5/16	2017/5/17	2017/5/18	2017/5/19
	Sun	Mon	Tue	Wed	Thu	Fri
AM900–940	AM) Flight arrivals from EU	Registration bread and coffee	Registration bread and coffee	bread and coffee	bread and coffee	bread and coffee
AM940–1040		*Start at 10 am* *Seminar 1:* *Epics for beginners*	*Start at 10 am* Opening – Welcome address – KURRI and FFAG – EPICS core reports	*Tools and devies (IoT)* 20min x 4	*Tools and devices (1)* 20min x 3 coffee break (20min)	*Seminar 2: EPICS V4 and CSS*
AM1100–1200		Seminar 1 (contn'd) with PLC/Linux–Epics		coffee break (20min) *Start at 11:20* *Special topics* – KURAMA	*Tools and devices (2)* 20min x 3	Seminar 2 (contn'd)
Lunch		Lunch	Lunch	Lunch Group Photo	Lunch	Lunch
PM120–300	PM) Flight arrivals from USA	Seminar 1 (contn'd) with Rasp–pi	*Accelerator control and operation* 20min x 5	*ITER related topics* 20min x 5	*1:20 pm – 2:00 pm* *Short talks* *2:00 pm –* *Closing*	Seminar 2 (contn'd)
PM320–500		Seminar 1 (contn'd)	coffee break (20min) *Control for non–accelerator* 20min x 4	coffee break (20min) *KURRI Labo. Tour* – Reactors – FFAG accelerator	Optional tour (unofficial) Inunakiyama-Onsen (1520-2000, ~10 persons) Hot spring and dinner	sa yo na ra