

APS-U/APS Advanced Controls Workshop
 Building 402/Lower Level Gallery
 17 September 2019

Session	Title	Presenter	Institution	Begin	End
<i>Registration</i>				<i>7:30</i>	<i>8:00</i>
Welcome and Overview	Welcome and Purpose	Alec Sandy	ANL/APS	8:00	8:10
	Outline of Strategy	Joe Sullivan	ANL/APS	8:10	8:30
Synchronization and Integration I <i>Chair: Joerg Stremper</i>	Hardware synchronized continuous scans using PiLC	Teresa Nunez*	DESY/FS-EC	8:30	9:00
	Experiment control challenges for supporting scientific programs at 1-ID	Peter Kenesei	ANL/APS	9:00	9:30
	NSLS-II advanced common hardware platform for Accelerator and Beamline controls	Kiman Ha	BNL/NSLS-II	9:30	10:00
<i>BREAK</i>				<i>10:00</i>	<i>10:15</i>
Detector Integration and Data Flow <i>Chair: Kevin Peterson</i>	Detector Interfaces	Nino Miceli	ANL/APS	10:15	10:45
	APS Data Management System	Sinisa Veseli	ANL/APS	10:45	11:15
	Bluesky	Dan Allan	BNL/NSLS-II	11:15	11:45
	Bluesky at the APS	Pete Jemian	ANL/APS	11:45	12:15
<i>Working Lunch (Moderator led Discussion)</i>		<i>John Quintana</i>	<i>ANL/APS</i>	<i>12:15</i>	<i>13:00</i>
Synchronization and Integration II <i>Chair: Chris Roehrig</i>	Beamline Controls at NSLS-II	Richard Farnsworth	BNL/NSLS-II	13:00	13:30
	Event Timestamping at SLAC/LCLS	Mike Weaver*	SLAC/LCLS	13:30	14:00
	On-the-fly scanning with coordinated motion	Mark Rivers	U of C/CARS	14:00	14:30
<i>BREAK</i>				<i>14:30</i>	<i>14:45</i>
Mechatronics <i>Chair: Curt Preissner</i>	Nanoscale Motion	Deming Shu	ANL/APS	14:45	15:15
	The Velociprobe: A fast scanning X-ray microscope	Curt Preissner	ANL/APS	15:15	15:45
	Bionanoprobe and softGlueZynq	Tim Mooney	ANL/APS	15:45	16:15
<i>Wrapup</i>		<i>John Quintana</i>	<i>ANL/ALS</i>	<i>16:15</i>	<i>16:45</i>

* Remote presenter