

		15 October Wednesday	16 October Thursday	17 October Friday
7:30				
7:35				
7:40				
7:45				
7:50		7:30	7:30	7:30
7:55		Bus pickup at Hotel Lahan	Bus pickup at Hotel Lahan	Bus pickup at Hotel Lahan
8:00				
8:05				
8:10				
8:15				
8:20				
8:25				
8:30		8:00 – 9:00	8:00 – 9:00	8:00 – 9:00
8:35		Breakfast(sandwich) at multipurpose room	Breakfast(sandwich) at multipurpose room	Breakfast(sandwich) at multipurpose room
8:40		&		
8:45		Registration in front of PAL-XFEL auditorium		
8:50				
8:55				
9:00		9:00 – 9:20, 20'	9:00 – 9:20, 20'	9:00 – 9:25, 25'
9:05		Workshop introduction and goals - general	Generation of tunable phase-locked hard X-ray	Single-shot structure determination under high
9:10		introduction to HXRSS	pulses	magnetic field over 100 T
9:15		Heung-Sik Kang and Gianluca Geloni	Philipp Dijkstal	Akihiro Ikeda
9:20			9:20 – 09:40, 20'	
9:25		9:20 – 9:45, 25'	Comparison same bunch and fresh bunch self	9:25 – 9:50, 25'
9:30		Coherence Control and Limitation with HB SASE	seeding at PAL	Atomic-scale imaging of strong-field optically
9:35		Philipp Dijkstal	Myung Hoon Cho	induced electron motion in imperfect crystals
9:40			09:40 – 10:00, 20'	David Reis
9:45		9:45 – 10:10, 25'	Self-seeding at higher harmonics	
9:50		Extrapolation of EHG towards higher photon	Lu Cao	9:50 – 10:15, 25'
9:55		energies		Scandium-45 Nuclear-Clock Isomer driven by hard
10:00		Enrico Allaria	10:00 – 10:20, 20'	X-ray self-seeding
10:05			Self-seeding systems for CW FELs	Yuri Shvydko
10:10			David Reis	
10:15		10:10 – 10:35, 25'		
10:20		Overview of cavity based XFEL activities	10:20 – 10:40, 20'	10:15 – 10:45, 30'
10:25		Nanshan Huang	Advanced studies at the LCLS	Discussion
10:30			Alex Halavanau	
10:35		10:35 – 11:00, 25'		
10:40		The cavity-based XFEL demonstrator at the	10:40 – 11:10, 30'	10:45 – 11:05
10:45		European XFEL	Discussion	Coffee break
10:50		Patrick Rauer		
10:55				
11:00		11:00 – 11:20		
11:05		Coffee break		
11:10			11:10 – 11:30	11:05 – 11:30, 25'
11:15			Coffee break	Application of hard X-ray self-seeding at higher
11:20		11:20 – 11:45, 25'		photon energies
11:25		Self-seeding FEL for experiments requiring energy	11:30 – 11:55, 25'	Angel Rodriguez-Fernandez
11:30		scans at PAL-XFEL	IXS challenges	
11:35		Haeryong Yang	Mark Dean	11:30 – 11:55, 25'
11:40				Nonlinear spectroscopy utilizing two-color pulses
11:45		11:45 – 12:10, 25'		composed of seeded and broadband beams
11:50		High repetition rate HXRSS system at the European	11:55 – 12:20, 25'	Thomas Linker
11:55		XFEL	Dynamics of compressed gas/liquid (CO ₂ , water,	11:55 – 12:20, 25'
12:00		Shan Liu	alcohol)	Ultrafast Photocatalytic Reaction Dynamics Probed
12:05			Matthias Ihme	by HERFD-XAS with Self-seeded XFEL Pulses
12:10		12:10 – 12:35, 25'		Tae Wu Kim
12:15		Recent activities of hard X-ray self-seeding at LCLS	12:20 – 12:45, 25'	
12:20		Alberto Lutman	Water dynamics	12:20 – 12:50, 30'
12:25			Robin Tyburski	Discussion
12:30		12:35 – 13:00, 25'		
12:35		Daily optimization of reflection self-seeding	12:45 – 13:15, 30'	
12:40		Toru Hara	Discussion	12:50 – 13:20, 30'
12:45				Overall discussion and wrap-up
12:50				
12:55				
13:00		13:00 – 13:30, 30'		
13:05		Discussion		
13:10				
13:15				
13:20				
13:25				
13:30				
13:35				
13:40			13:15 – 14:15	13:20 – 14:00
13:45			Lunch at multipurpose room	Lunch box pickup. Move to Pohang KTX station
13:50				
13:55		13:30 – 14:30		
14:00		Lunch at multipurpose room		
14:05				
14:10			14:15 – 14:40, 25'	
14:15			Time-resolved Bragg Coherent X-ray Diffraction	
14:20			Imaging of Ferroelectric Transition	
14:25			Hyunjung Kim	
14:30		14:30 – 14:55, 25'		
14:35		Self-seeding option and status at SHINE	14:40 – 15:05, 25'	
14:40		Tao Liu	3D time-resolved single-shot imaging	
14:45			Changyong Song	
14:50		14:55 – 15:15, 20'		
14:55		Bandwidth and signal to noise ratio control for hard		
15:00		X-ray self-seeding	15:05 – 15:35, 30'	
15:05		Tianyun Long	Discussion	
15:10				
15:15		15:15 – 15:35, 20'		
15:20		Pulselength Control in Self-Seeding		
15:25		Philipp Dijkstal		
15:30				
15:35		15:35 – 16:00, 25'		
15:40		Development and applications of combined self-		
15:45		seeding and crystal optics		
15:50		Ichiro Inoue		
15:55				
16:00		16:00 – 16:30, 30'		
16:05		Discussion	15:35 – 17:05, 90'	
16:10			PAL-XFEL tour	
16:15			&	
16:20			Coffee	
16:25				
16:30				
16:35				
16:40				
16:45				
16:50				
16:55				
17:00		16:30 – 18:00, 90'		
17:05		Self-seeding Demo.		
17:10		At accelerator operation room		
17:15		&		
17:20		At beamline hutch		
17:25		&		
17:30		Coffee		
17:35				
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17:45				
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18:50				
18:55				
19:00		Banquet		
19:05		(POSCO International Center, Buffet)		
19:10				
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20:20		Move to hotel Lahan		
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20:45				
20:50				
20:55				
21:00				