

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