

	February 18	February 19	February 20
9:00-10:40 (100)	Welcome (10)	Undulator performance and their characterization, H. Tarawneh (MAXLab)(15+5)	SuperKEKB low emittance tuning, K Ohmi (KEK) (15+5)
	From 3rd to 4th Generation light sources, L. Nadolski (SOLEIL)(20+5)	Interaction of in-vacuum undulators with electron beam, K. Tian (SLAC) (15+5)	Low-emittance tuning for FCC-ee, T. Charles (U. Melbourne) (15+5)
	Lesson learned from MAX IV, P. Tavares (MAXIV) (20+5)	Superconducting wigglers and undulators, N. Mezentsev (BINP) (15+5)	Required aperture in the low emittance storage rings, A Papash (KIT) (15+5)
	Baseline system specifications for LE storage ring commissioning, M. Boege (PSI) (15+5)	Commissioning experience with commercial SC undulators, S. Casalbuoni (KIT) (15+5)	Modern tools for LER commissioning, TBC (15+5)
	Commissioning strategies and plans for ESRF-EBS, S. Liuzzo (ESRF) (15+5)	Discussion (10)	Discussion(10)
10:40-11:10	Coffee Break	Coffee Break	Coffee Break
11:10-13:00 (80)	Commissioning strategies and plans for APS-U, L. Emery (ANL) (15+5)	Automated commissioning plans for the APS Upgrade, V. Sajaev (ANL) (15+5)	Optics measurements using fast orbit response matrix data, I. Martin (DLS) (15+5)
	Commissioning strategies and plans for SIRIUS, S. Marques (SIRIUS) (15+5)	Modern approaches to controls, TBC (15+5)	Review of beam based calibration of BPM offsets (15+5), M. Sjöström/H. Tarawneh (MAXLab)
	Commissioning strategies and plans for ALS-U, T. Hellert (LBNL) (15+5)	The role of bunch by bunch real time feedbacks in LER, A. Drago (LNF) (15+5)	Nonlinear beam dynamics tuning, Hossein Ghasem (DLS) (15+5)
	Commissioning strategies and plans for ELETTRA2, E. Karantzoulis (ELETTRA) (15+5)	Commissioning of the CLIC extraction kicker at ALBA, TBC (15+5)	Low negative alpha commissioning, A. Mochihashi (KIT) (15+5)

# Preliminary

	Lunch	Lunch	Lunch
13:00-14:30	Lunch	Lunch	Lunch
14:30-16:10 (80)	Lattice design, commissioning and operation challenges for PETRA IV, J. Keil (DESY) (15+5)	New instrumentation for optical beam diagnostics, O. Meshkov (BINP) (15+5)	Summary: Motivations, lessons and projects overview (20+5)
	Simulation of HEPS storage ring commissioning, D. Ji (IHEP) (15+5)	First turn dedicated diagnostics, V. Schlott (PSI) (15+5)	Summary: Injectors (10+5)
	Lessons learned from the ESRF magnets and vacuum chamber assembling, S. Gurov (BINP) (15+5)	Diagnostics for first turns and for beam loss detection, L. Torino (ESRF) (15+5)	Summary: Insertion devices (10+5)
	Commissioning of LHC, (15+5) TBC	Microbunching instability, M. Brosi (KIT) (15+5)	Summary: Diagnostics, controls, automation, and feedbacks (20+5)

	Coffee Break	Coffee Break	Coffee Break
16:10-16:40	Coffee Break	Coffee Break	Coffee Break
16:40-18:20/18:40 (100-120)	Discussion (20)	Novel features of longitudinal instabilities in electron storage rings, A. Blednykh (BNL) (15+5)	Summary: Low emittance (10+5)
	Transfer line from injector to LER P. Kuske (HZB) (15+5)	Discussion (20)	Summary: Optics design, measurements and correction (10+5)
	On axis injection, M. Aiba (PSI)(15+5)	Comparison of impedance beam based measurements and simulations, V. Smalyuk (BNL) (15+5)	Summary: High current effects (10+5)
	Injector requirements for LE storage ring upgrade projects, Z. Duan (IHEP) (15+5)	Experimental verification of impedance modelling for next-generation light sources, R. Lindberg (ANL) (15+5)	
	Booster modifications and commissioning, N. Carmignani (ESRF) (15+5)	Charge limit simulation of the HEPS accelerators, H. Xu (IHEP) (15+5)	
	Discussion (20)	Discussion (20)	

motivations, lessons and projects overview
injectors and injection
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