

XOPT2020							
Time (CEST, Europe)	Time (CDT, US)	Time (Japan)	Session	Speaker	Title	Chair	
2020/4/22 2:00	2020/4/21 19:00	2020/4/22 9:00	Opening Remarks	Tetsuya Ishikawa (RIKEN)			
2:15	19:15	9:15	X-ray Optics (I)	Lahsen Assoufid (ANL)	Progress on development of zoom optics based on deformable mirrors at the Advanced Photon Source	Satoshi Matsuyama (Osaka U)	
2:30	19:30	9:30		Kazuto Yamauchi (Osaka U)	Mirror-based hard X-ray optical systems for the next generation synchrotron radiation sources		
2:45	19:45	9:45		Nami Nakamura (Osaka U)	Precise wavefront measurement using grating interferometer for sub-10 nm XFEL focusing system		
3:00	20:00	10:00					
3:15	20:15	10:15					
3:30	20:30	10:30	Break				
3:45	20:45	10:45	Soft X-ray Optics	Takenori Shimamura (U Tokyo)	Development of ultra-short Kirkpatrick-Baez mirror system for nano-focusing of soft X-rays	Hidekazu Mimura (U Tokyo)	
4:00	21:00	11:00		Yoko Takeo (U Tokyo)	Two-stage reflective focusing system for soft X-rays at BL25SU of SPring-8		
4:15	21:15	11:15		Gota Yamaguchi (U Tokyo)	Development of copper electroforming process for non-magnetic soft x-ray mirrors		
4:30	21:30	11:30	X-ray Imaging	Kenlaro Uesugi (JASRI)	Development of X-ray multiscale tomography		
4:45	21:45	11:45		Jumpei Yamada (RIKEN)	X-ray nanofocused beam scan using refractive prism and focusing mirrors		
5:00	22:00	12:00					
5:15	22:15	12:15	Lunch Break				
5:30	22:30	12:30					
5:45	22:45	12:45					
6:00	23:00	13:00					
6:15	23:15	13:15					
6:30	23:30	13:30	X-ray Optics (II)	Wolfgang Voegeli (Tokyo Gakugei U)	Development of Multi-Beam X-ray Optics for High-Speed Tomography	Alfred Baron (RIKEN)	
6:45	23:45	13:45		Yuka Nishioka (Osaka U)	Development of adaptive X-ray focusing system based on the combination of concave mirror and convex mirror		
7:00	2020/4/22 0:00	14:00		Takato Inoue (Osaka U)	Ultraprecise fabrication of X-ray mirrors for XFEL sub-10 nm focusing system based on Wolter type III geometry		
7:15	0:15	14:15	XFEL (I)	Shotaro Matsumura (Osaka U)	Surface processing of a μ -channel-cut crystal monochromator for reflection self-seeding of hard X-ray free-electron laser		
7:30	0:30	14:30		Shota Nakano (Osaka U)	Controlling pulse duration of X-ray free-electron lasers with rotated-inclined crystals		
7:45	0:45	14:45		Pavle Juranic (PSI)	Exploring new frontiers in online spectrometry at SwissFEL		
8:00	1:00	15:00	Break				
8:15	1:15	15:15					
8:30	1:30	15:30					
8:45	1:45	15:45	XFEL (II)	Malte Vassoholz (U Goettingen)	Pump-probe holographic imaging with femto-second FEL pulses of laser-induced cavitation bubbles	Makina Yabashi (RIKEN)	
9:00	2:00	16:00		Yuya Kubota (RIKEN)	Recent results and future perspectives in materials science at SACLA		
9:15	2:15	16:15		Ichiro Inoue (RIKEN)	Shortening pulse duration of X-ray free-electron laser via saturable absorption		
9:30	2:30	16:30		Taito Osaka (RIKEN)	Intensity Autocorrelation Measurement at Angstrom Wavelength		
9:45	2:45	16:45	Closing Remarks	Kazuto Yamauchi (Osaka U)			