RadSynch23 timetable

Tuesday 30 May

08.30	TBC	Welcome
08.45	Paul BERKVENS	Introduction / Safety instructions
		Session 1 – Facility Upgrades / New Projects
09.00	Paul BERKVENS	The ESRF Extremely Brilliant Source (EBS)
09.30	Stefania TROVATI	Radiation shielding calculations for the ALS upgrade project
10.00	Coffee break	
10.20	Group Photo	
10.30	Sanjeev FARUK	Shielding assessments for Diamond II machine upgrade
11.00	Nam-Suk JUNG	Radiation shielding evaluation of 4^{th} generation storage ring in Korea
11.30	Akihiro TAKEUCHI	Shielding design for NanoTerasu: gas-bremsstrahlung and induced radiations
12.00	Lunch	
14.00	Facility visit	
19.00	Aperitif dinner	

Wednesday 31 May

08.30	Hee-Seock LEE	Shielding design and current status of new compact synchrotron facility
09.00	Michael DRESSEL	Building new personnel safety systems for the PETRA IV complex
09.30	Iyad ZAHRAN	Shielding considerations for BEATS beamline (SESAME)
10.00	Coffee break	
10.30	Giuliana TROMBA	Elettra 2.0 project: radiation protection issues for the new and upgraded beamlines
11.00	Sunil CHITRA	Radiation shielding of beamlines at APS-U
11.30	Richard DOULL	Assessment of shielding for Diamond-II beamlines
12.00	Lunch	

Session 2 - XFELs

13.30	Sayed ROKNI	Commissioning of the radiation safety systems for the LCLS-II accelerator facility
14.00	Shanjie XIAO	Radiation safety analyses and tests for the FEL beam from LCLS-II superconducting linac
14.30	Wolfgang CLEMENT	Operation of a fluorescence light based burn through monitor system at the European XFEL
15.00	Coffee break	
15.30	Zunaira ANSARI	A beam containment scheme to protect radiation protection components for the world's most powerful X-ray laser beam
16.00	Taiee LIANG	Material burn-through tests at the European XFEL

16.30	Albrecht LEUSCHNER	Radiation field studies around the 130 m long SASE 3 undulators at the European XFEL by a modified LB 6419 probe mounted on the MARWIN4 robot
17.00	Johannes BAUER	Radiation protection at SLAC's future MEC-U laser facility
19.00	Dinner	

Thursday 01 June

Session 3 – Facility Reports

08.30	Veronika OLSOVCOVA	ELI beamlines facility: heading towards operations
09.00	Anders ROSBORG	Planned service and maintenance of the MAX-IV personnel safety system
09.30	Yasuhito SAKAKI	Shielding design for the installation of non-linear collimator at SuperKEK
10.00	Coffee break	
10.30	Grant CUBBON	Top-up operation safety features at the Canadian Light Source
11.00	Fernanda MOURA	Radiation protection on Sirius, the new Brazilian synchrotron
11.30	Magdalena JAGLARZ	Radiation protection and personnel safety systems at SOLARIS National Synchrotron Radiation Centre
12.00	Lunch	
13.30	Holger HUCK	Measurements of bremsstrahlung by field emission from the BESSY HOM cavities
14.00	Pawel WESOLOWSKI	Radiation safety at KARA, FLUTE and its future upgrades
14.30	David BATCHELOR	High energy scattered synchrotron radiation at the KARA visible light diagnostic port

15.00	Coffee break	

Session 4 – Activation and Decommissioning

15.30	UkJae LEE	Predicting 3D radioactivity distribution in large-scale structures using machine learning techniques
16.00	Katia ALIKANIOTIS	Induced radioactivity in the Elettra storage ring
16.30	Fernanda MOURA	Decommissioning of UVX, the first Brazilian synchrotron
17.00	Paul BERKVENS	Decommissioning of the ESRF storage ring

Friday 02 June

Session 5 – Calculation Methods

08.30	Fernanda MOURA	Combining alanine dosimeters and Monte Carlo simulations: a method for demagnetization forecast by high dose exposure
09.00	Yoshihiro ASANO	Estimation of thick target effect using multi-point kernel method in synchrotron radiation shielding calculations
09.30	Konstantin BATKOV	Shielding calculations with Markov chains and genetic algorithms
10.00	Stuart ANSELL	CombLayer: a high-efficiency system for modeling complex accelerator systems in radiation shielding calculations
10.30	Coffee break	
11.00	Closeout	
12.00	Lunch	