











Monday, Sept. 4th	Tuesday, Sept. 5th	Wednesday, Sept. 6th	Thursday, Sept. 7th	Friday, Sept. 8th
8:30 - 9:15 OSGA/UG05 Overview of the three large scale facilities Frithjof Nolting	8:30 - 9:15 OSGA/UG05 Introduction to neutron properties Michel Kenzelmann	8:30 - 9:15 OSGA/UG05 Introduction to electronic correlation Frithjof Nolting	8:30 - 9:15 OSGA/UG05 Neutron spectroscopy and correlation functions Michel Kenzelmann	8:30 - 9:15 OSGA/UG05 Muon properties and mu production Thomas Prokscha
break	break	break	break	break
9:30 - 10:15 OSGA/UG05 Interaction of photons with matter Laura Heyderman	9:30 - 10:15 OSGA/UG05 Neutron cross sections Michel Kenzelmann	9:30 - 10:15 OSGA/UG05 Polarization dependent x- ray absorption Frithiof Nolting	9:30 - 10:15 OSGA/UG05 Inelastic neutron scattering, magnons Michel Kenzelmann	9:30 - 10:15 OSGA/UG05 Basics of muSR techniqu Hubertus Luetkens
coffee break	coffee	coffee	coffee break	coffee break
10:45 - 11:30 OSGA/UG05 Synchrotron radiation and FEL operation	10:45 - 11:30 OSGA/UG05 Diffraction basics	10:45 - 11:30 OSGA/UG05 X-ray microscopy	10:45 - 11:30 OSGA/UG05 Photoemission	10:45 - 11:30 OSGA/UG05 Application of muSR to study magnetism
Laura Heyderman	Laura Heyderman	Frithjof Nolting	Frithjof Nolting	Alex Amato
break 11:45 - 12:30 OSGA/UG05 Synchrotron beamlines, optics and detectors Laura Heyderman	break 11:45 - 12:30 OSGA/UG05 Diffraction instruments Michel Kenzelmann	break 11:45 - 12:30 OSGA/UG05 Magnetic structures, polarized neutron diffr. Michel Kenzelmann	break 11:45 - 12:30 OSGA/UG05 Time resolved x-ray experiments Frithjof Nolting	break 11:45 - 12:30 OSGA/UG05 Application of muSR to study superconductivity Alex Amato
lunch	lunch	lunch	lunch	lunch
13:30 - 14:30 Meeting Point: entrance PSI West tour SinQ Jochen Stahn	13:30 - 15:00 OSGA/OG09 - OSGA/UG05 group work	13:30 - 15:00 OSGA/OG09 - OSGA/UG05 group work	13:30 - 15:00 OSGA/OG09 - OSGA/UG05 group work	13:30 - 15:00 OSGA/OG09 - OSGA/UG05 group work
14:40 - 15:40				
tour SMuS Andreas Suter	Coffee break	Coffee break	Coffee break	Coffee break
break - cafeteria West 16:00 - 17:00 tour SLS Joerg Raabe	15:30 - 17:00 OSGA/OG09 - OSGA/UG05 group work	15:30 - 17:00 OSGA/OG09 - OSGA/UG05 group work	15:30 - 17:00 OSGA/OG09 - OSGA/UG05 group work	15:30 - 17:00 OSGA/OG09 - OSGA/UG05 group work

Monday, Sept. 11th	Tuesday, Sept. 12th	Wednesday, Sept. 13th	Thursday, Sept. 14th	Friday, Sept. 15th
8:30 - 13:00 oral exam parallel examination ~30 min each student	8:30 - 9:45 (*) Introduction Exper. I 5 parallel sessions break	8:30 - 12:30 experiment I	8:30 - 12:30 experiment II	08:30 - 9:50 WSLA/008 talks I-IV
WSLA/008	9:30-10:00 (*) preparation Exper. I	10 parallel experiments	10 parallel experiments	
WSLA/105	coffee			Coffee
	10:30 - 11:15 (*) Introduction Exper. II 5 parallel sessions			10:20 - 11:40 WSLA/008 talks V-VIII
	break 11:30-12:00 (*)			head
	preparation Exper. 11			12:00 - 12:40 WSLA/008 talks IX-X
	lunch	lunch	lunch	lunch
lunch				lanen
	13:30 - 17:00 experiment	13:30 - 17:00 experiment	13:30 - 17:00 WBGB/020 WBGB/021	
14:00 - 15:00	1	п	talk presention	
tour Proton therapy Oxana Actis	10 parallel experiments	10 parallel experiments	taik preparation	
15:15 - 16:15 tour clean room LMN				
Anja Weber break - cafeteria East				
16:45 - 17:45 tour SwissFEL				

Experiment List							
Торіс	Facility	Station	Experiment name	Scientist responsible	Room for introductory lecture		
Imaging	SinQ	ICON	Contrast enhancement of sample features through energy selective imaging	Anders Kaestner	- WBGB/020		
	SLS	PEEM	Imaging magnetic nanostructures using soft x-ray Photoemission Electron Microscopy (PEEM)	Armin Kleibert			
Diffraction	SinQ	ZeBRa	Single crystal neutron diffraction	Oksana Zaharko	WSLA/105		
	SLS	MS	X-ray powder diffraction	Nicola Casati			
Type-II Super conductors	SinQ	SANS-I	The vortex lattice of a type II superconductors studied by Small Angle Neutron Scattering (SANS)	Jonathan White	WBGA/B16		
	SmuS	LEM	Direct measurement of the magnetic eld prole at the surface of an extreme type-II superconductor by low-energy muon spin rotation	Andreas Suter			
Magnetism	SmuS	GPS	Studying magnetic order using muons as local probes	Hubertus Luetkens	WBBA/003		
	SLS	X-Treme	Element-specific spin and orbital magnetic moments from x-ray magnetic circular dichroism	Jan Dreiser			
Structural Characterization	SinQ	HRPT	Determination of long range antiferromagnetic order by powder neutron diffraction	Vladimir Pomjakushin	WSLA/008		
	SLS	SuperXAS	X-ray absorption spectroscopy	Maarten			

































































