



	Sunday 29.05.2016	Monday 30.05.2016	Tuesday 31.05.2016	Wednesday 01.06.2016	Thursday 02.06.2016	Friday 03.06.2016	Saturday 04.06.2016
8:30 – 10:30		<i>Space Groups I</i>	<i>Mathematical model of a lattice</i>	<i>Thomson scattering and interference of scattered waves</i>	<i>Symmetry in reciprocal space</i>	<i>The phase problem: ab initio and non ab initio</i>	<i>SAD-MAD techniques</i> <i>Thomas Schneider</i>
10:30 - 11:00	<i>Group foto</i> Coffee break 30 min						
11:00 – 13:00		<i>Space Groups II</i>	<i>Concept of convolution</i>	<i>Temperature factor</i>	<i>Space group determination</i>	<i>Patterson Methods</i>	<i>Gleb Bourenkov</i> <i>Science talk</i> <i>EMBL tour</i>
13:00 – 14:00	Lunch break 60 min						
14:00 - 15:30	<i>Opening & Discussion of homework</i>	<i>Space Groups III</i>	<i>Fourier transform I</i>	<i>Diffraction by crystals</i>	<i>Rigaku presentation</i>	<i>Direct Methods</i>	
15:30 - 16:00	Coffee break 30 min						
16:00 – 17:30	<i>Point Groups</i>	<i>Space Groups IV</i>	<i>Fourier transform II</i>	<i>Bragg's law, Ewald limiting sphere</i>	<i>Rigaku</i>	<i>Molecular replacement</i>	
17:30 – 18:30	<i>Laue groups</i>	<i>Arwen Pearson</i> <i>Science talk</i>	<i>Tom White</i> <i>Science talk</i>	<i>The Fourier Synthesis</i>	<i>XFEL tour</i>	<i>Henry Chapman</i> <i>Science talk</i>	
	<i>BBQ at CFEL</i> <i>(until ~ 22:00)</i>	<i>CFEL presentation</i>	<i>Elbe Boat Trip</i> <i>(until ~ 22:30)</i>				