

S-SAD diffraction data phasing of macromolecule single crystals
 from home and Synchrotron X-ray sources
 Oeiras, October 4-6, 2007

October 4

8.45	<i>Bus departs from Hotel Praia-Mar</i>	
9.15	Anomalous Scattering in Macromolecular Crystallography	<i>Gordon Leonard</i>
10.50	<i>Coffee break</i>	
11.15	Introduction to strategies for in-house phasing using S-SAD and halide soaks.	<i>George Sheldrick</i>
13.00	<i>Lunch</i>	
14.30	Data collection with the X8 Proteum Diffractometer - Group 1 / Group2	<i>Local organization</i>
16.30	Introduction to the tutorial computing environment	<i>Local organization</i>
18h45	<i>Bus departs from ITQB</i>	

October 5

8.45	<i>Bus departs from Hotel Praia-Mar</i>	
9.15	Why we should make more use of softer X-rays in the de novo phasing of the crystal structures of macromolecules	<i>Gordon Leonard</i>
10.15	<i>Coffee break</i>	
10.30	On the use of Longer X-ray Wavelengths in Macromolecular Crystallography	<i>Manfred Weiss</i>
11.30	Scaling in-house data with SADABS	<i>George Sheldrick</i>
13.00	<i>Lunch</i>	
14.00	Scaling strategy for diffraction data from soft X-ray diffraction	<i>Manfred Weiss</i>
16.00	XPREP, SHELXC and hkl2map	<i>George Sheldrick</i>
17.30	Training with collected data	
18h45	<i>Bus departs from ITQB</i>	

October 6

8.45	<i>Bus departs from Hotel Praia-Mar</i>	
9.15	Locating substructures with SHELXD	<i>George Sheldrick</i>
10.15	<i>Coffee break</i>	
10.30	Phasing and density modification	<i>Clemens Vonrhein</i>
12.00	Burning questions	<i>All Speakers</i>
13.00	<i>Lunch</i>	
14.30	Density modification with SHELXE	<i>George Sheldrick</i>
16.00	SHARP	<i>Clemens Vonrhein</i>
17.30	Training with collected data	
18h45	<i>Bus departs from ITQB</i>	