



Laser-heating and EXAFS for Deep Volatiles Workshop

Diamond Light Source

17th March 2016

9:30 am – 10 am	Registration & Refreshments	Diamond Atrium
10 am – 10:05 am	Welcome <i>by Heribert Wilhelm and Mike Walter</i>	Diamond G59
10:05 am – 10:25 am	Introduction to Beamline I15 <i>by Heribert Wilhelm - Diamond Light Source</i>	Diamond G59
10:25 am – 10:45 am	Laser heating capabilities at I15 <i>by Simone Anzellini - Diamond Light Source</i>	Diamond G59
10:45 am – 11:05 am	Coffee Break & Photos	Diamond Atrium
11:05 am – 11:25 am	X-ray diffraction in the laser heated DAC <i>by Oliver Lord – Bristol University</i>	Diamond G59
11:25 am – 11:45 am	Results from I15 <i>by Mike Walter, Bristol University</i>	Diamond G59
11:45 am – 12:45 pm	Tours of I15 & I18	Diamond Synchrotron
12:45 pm – 1:45 pm	Lunch	Diamond Atrium
1:45 pm – 2:05 pm	Introduction to Beamline I18 <i>by Fred Mosselmans - Diamond Light Source</i>	Diamond G59
2:05 pm – 2:25 pm	XANES: Pre-edge and oxidation state of elements <i>by Geoff Bromiley - Edinburgh University</i>	Diamond G59
2:25 pm – 2:55 pm	EXAFS and what it can tell us <i>by Dave Sherman – Bristol University</i>	Diamond G59
2:55 pm – 3:15 pm	In situ X-ray spectroscopy in high temperature fluids <i>by Marion Louvel – Bristol University</i>	Diamond G59
3:15 pm – 3:35 pm	General discussion & Refreshments	Diamond G59