

Phase II Prospects for Materials and Chemistry

Monday 4 February 2013 - ILL Chadwick Amphitheatre

08:30	Registration in the ILL Entrance Hall	
08:55	Welcome	
Session 1		
09:00 – 09:50	Supercharging the source: Basic design and performance	Harald Reichert , ESRF
09:50 – 10:15	Specific implication for Beamlines	Roberto Felici , ESRF
10:15 – 10:30	Open Discussion on new machine performances	With the presence of Joël Chavanne , ASD-ESRF
10:30	Coffee break	
Session 2 - on CDI chaired by Dina Carbone		
10:45 - 11:25	X-ray lens-less microscopy - imaging nanostructures: where are we? why? what's next?	Virginie Chamard (Université de Marseille)
11:25 - 11:40	Structure of nanoparticles for materials science using coherence	Ian Robinson (University College London)
11:40 - 12:05	Discussion	Animator Ullrich Pietsch (Siegen University)
12:30	Lunch	
Session 3 – on Catalysis chaired by Olivier Balmes		
14:00 – 14:30	In-situ investigations of nanostructures: from spatial average towards single objects	Andreas Stierle (DESY Hamburg)
14:30 – 15:00	Chemical imaging in real time	Andy Beale (Utrecht University, Debye Institute)
15:00 – 15:30	Discussion	Animator Joost Frenken Leiden University
15:30	Coffee break	
Session 4 – on Metallurgy chaired by Andrew King		
16:00 - 16:30	Dark field x-ray microscopy: multiscale material science	Henning Poulsen (Technical University Of Denmark)
16:30 – 17:00	New opportunities in material science – Fast kinetics and dynamic response in mesoscale structures seen with a new source	Ragnvald Mathiesen (Norwegian University of Science & Technology)
17:00 - 17:30	Discussion	Animator Phil Withers Materials Science Centre Manchester
17:30 - 18:00	Preparation of feedback to Users' Meeting	
19:00	Bus departure to the Restaurant L'Exception	

