

Workshop SOLEIL

X-ray Spectroscopy in High Magnetic Field

November 16-17th, 2010,
Synchrotron SOLEIL
L'Orme des Merisiers, Saint-Aubin, France

Provisional Programme

Tuesday, November 16th

09:30 - 10:15 *Registration and coffee*

Chairperson: NNN

10:15 - 10:45 Opening – State of Art
L. Joly, IPCMS, Strasbourg, France

10:45 - 11:30 Magnetic Transition and High Magnetic Field
V. Simonet, Institut Néel, Grenoble, France

11:30 - 12:15 X-Ray Dichroism, Crystal Field and Magneto-crystalline Anisotropy
G. van der Laan, DIAMOND, Oxford, United Kingdom

12:15 - 13:00 High Magnetic Field X-ray Experiments using Miniature Magnets
Y. Matsuda, Tokyo University, Japan

13:00 - 14:15 *Lunch at SOLEIL restaurant*

Chairperson: NNN

14:15 - 14:45 Field-induced Magnetostructural Phase Transition
C. Dettlefs, ESRF, Grenoble, France

14:45 - 15:15 XAS and XMCD under High Magnetic Field
C. Strohm, ESRF, Grenoble, France

15:15 - 15:45 X-ray Magnetic Circular Dichroism Studies of Paramagnetics
A. Rogalev, ESRF, Grenoble, France

15:45 - 16:15 Pulsed Magnets at ESRF
P. van der Linden, ESRF, Grenoble, France

16:15 - 16:45 *Coffee break*

Chairperson: NNN

16:45 - 17:15 Developments of Pulsed Magnets in Toulouse
P. Frings, LNCMI, Toulouse, France

17:15 - 17:45 Steady High Magnetic Field Project at ESRF/ILL
F. Wilhelm, ESRF, Grenoble, France

17:45 - 19:30 Poster session, Commercial exhibitors, and Visit to SOLEIL

19:00 - 21:00 *Buffet Dinner at SOLEIL restaurant*

21:00 *Transfer by bus to Le Guichet station RER and Massy-Palaiseau station RER*

Wednesday, November 17th

Chairperson: NNN

- 09:30 - 10:00 Description of the Pulsed Magnetic Field Project
L. Joly, IPCMS, Strasbourg, France
- 10:00 - 10:30 Motivations and Scientific cases
P. Saintavit, IMPMC, Paris, France
- 10:30 - 11:00 *Coffee break - Posters*
- 11:00 - 11:30 Overview of the DEIMOS beamline (SOLEIL)
P. Ohresser, SOLEIL, St-Aubin, France
- 11:30 - 13:00 Round Table: Pulsed Field project at SLS and SOLEIL
F. Nolting, SLS, Villigen, Suisse and E. Otero, Synchrotron Soleil, St-Aubin, France
- 13:00 - 14:15 *Lunch at SOLEIL restaurant*