



upgrade programme
information & discussion meeting
 Grenoble, 24 October 2007

session 7 - new techniques for synchrotron research

- Committee members: I. Daniel (Chair), Université Claude Bernard Lyon; F. Datchi, IMPMC Paris; A. Fontaine, CNRS Grenoble; P. Frings, CNRS, LNCMP Toulouse; N. Guignot, Soleil; E. Maire, INSA Lyon.
- ESRF Liaisons: J. Baruchel, C. Detlefs
- Guest speakers: H. Nojiri, Tokohu University; H. Cailleau, Université de Rennes; R. Neutze, University of Gothenburg; P. Cloetens, ESRF; R. Benedetti, LLNL Livermore; I. Goncharenko, CEA Saclay

agenda

- 08.00 *Welcome Coffee in the marquee*
 Distribution of the meeting information pack
- 09.00 Plenary session
- 10:30 *Coffee Break in the marquee and move to parallel session in the ESRF 5th floor meeting room*
- 11.00 **Welcome: J. Baruchel (2 min)**
Introduction: I. Daniel (8 min)
- 11:10 **Trends in nano and fast hard X-ray imaging: P. Cloetens (30 min)**
 11:40 Discussion leaders: J. Baruchel, E. Maire (15 min)
- 11:55 **The future of high magnetic fields: H. Nojiri (30 min)**
 12:25 Discussion leaders: A. Fontaine, P. Frings, C. Detlefs (15 min)
- 12:40 *Lunch Break in the marquee*
- Extreme conditions:**
- 13:45 - **High-pressure, high-temperature experiments: R. Benedetti (15 min)**
 14:00 - **High-pressure, very low temperature: I. Goncharenko (15 min)**
 14:15 Discussion leaders: N. Guignot, F. Datchi (15 min)
- Time-resolved techniques:**
- 14:30 **Time-resolved techniques in Biology: R. Neutze (15 min)**
 14:45 **Time-resolved techniques in Materials Science: H. Cailleau (15 min)**
 15:00 Discussion leader: M. Wulff
- 15:15 **Write-up report for final session.**
- 16.00 *Coffee Break in the marquee, then move to the ESRF Auditorium*
- 17.00 Reports back from the parallel session Chairs (summarise sessions) concluding discussion and remarks.
- 18:30 *Aperitif in the marquee*
 19:30 *Conference Dinner in the ESRF Restaurant*
- 22:00 Bus departure from the site entrance to train station and town centre