



upgrade programme
information & discussion meeting
 Grenoble, 24 October 2007

session 6 - emerging applications

- Committee members: L. Vincze (Chair), Dept. of Analytical Chemistry Gent, Belgium; G. Artioli, Dipart. di Geoscienze, Padova, Italy; F. Guyot, I.M.P.M.C., Paris, France; C. Schroer, Institute for Structural Physics, Dresden, Germany; B. Thomlinson, Canadian Light Source, Saskatoon, Canada, J. Maser Advanced Photon Source, Argonne, USA.
- ESRF Liaison: J. Susini
- Guest speakers: K. Janssens, University of Antwerp, Belgium; C. Schroer, Institute for Structural Physics, TU Dresden, Germany; E. Schultke, CLS, University of Saskatchewan, Canada; P. Tafforeau, ESRF, Grenoble, France; J. Maser Advanced Photon Source, Argonne, USA.

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 CIBB building meeting room*
- 11.00 **Introduction "Emerging Applications"**
- Introduction: L. Vincze (5 min)
 - The upgrade programme for X-ray imaging and micro-analysis: J. Susini (15 min)
- 11:25 **Some scientific topical ideas**
- New trends in micro-analysis: K. Janssens (20+5 min)
 - Synchrotron Radiation for (Pre)Clinical Research: Experience and Expectations: E. Schultke (20+5 min)
 - Paleontology at ESRF: the future of our past: P. Tafforeau (10+5 min)
 - Open discussion on the relevant CDRs (30 min)
- Lunch Break in the marquee*
- 14.00 **General context: some relevant projects at other Facilities**
- Nano-probe at APS: J. Maser (20+5 min)
 - Micro-/Nanofocusing at PETRA III: C. Schroer (20+5 min)
 - Open discussion (10 min)
- 15.00 **Final remarks and conclusions (Moderator L. Vincze)**
- Challenges/opportunities/strengths, risks/weaknesses, priorities.
 - Some hot topics – examples of cutting-edge experiments?
 - Other/specific observations/recommendations (EU networks, education,...).
- 15:30 **Write-up for Final Presentation (L. Vincze and Committee members).**
- 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 Transport departs from the site entrance to train station and town centre