



upgrade programme
information & discussion meeting
 Grenoble, 24 October 2007

session 5 - dynamical properties & electronic structure of matter

Committee members: R. Cowley (Chair), Oxford; M. Altarelli, Hamburg; C. Dallera, Milano; J.B. Hastings, Stanford; C.-C. Kao, Brookhaven; G. Sawatzky, Vancouver; T. Scopigno, Rome

ESRF Liaison: M. Krisch

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 **EMBL building***
- 11.00 **Discussion on the science case (Chair: R Cowley)**
- Electronic structure (G Sawatzky)
 - Magnetism (C. Dallera)
 - Dynamics (T. Scopigno)
- Lunch Break in the marquee*
- 13:30 **The ESRF upgrade within the worldwide context (Chair: G. Sawatzky).**
- The European research area (M. Altarelli)
 - Outside the European research area (C.-C. Kao)
- 14.00 **Technological challenges (Chair: E. Weckert)**
- Instruments 1: MAGSCAT, SMS, PMF, DICHRO, EDXAS-L (N. Brookes)
 - Instruments 2 RIXS-PES, XAS-XES, HXPM, INELX (G. Monaco)
 - Instruments 3: INELX, PHIXS, NR-HE, NR-NSM (R. Ruffer)
 - X-ray source and sample environments
- 15.00 **Time-resolved and pump and probe experiments (Chair: C. Dallera)**
- 15:30 **Summary and preparation of the write-up by the Committee members (R. Cowley)**
- 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 for those staying*
- 22.00 Transport departs from the site entrance to train station and town centre