



# A LIGHT FOR SCIENCE

## SOFT CONDENSED MATTER AT THE ESRF

Soft condensed matter science addresses questions on microstructure, kinetics, dynamics and rheology of complex and nanostructured materials. The principal techniques used at the ESRF beamlines are time-resolved small-angle X-ray scattering (SAXS) and ultra-small-angle X-ray scattering (USAXS) at ID02; X-ray photon correlation spectroscopy (XPCS) at ID10A; diffraction or SAXS in grazing-incidence geometry (GID/GISAXS) at ID10B and microbeam techniques at ID13. Surface sensitive techniques are currently being developed at several beamlines. An example is micro-GISAXS for the study of gradient and heterogeneous materials. In addition to the public beamlines, soft condensed matter research is carried out at the three Collaborating Research Groups (CRG) beamlines established at the ESRF: BM02, BM32 (French) and BM26 (Dutch/Belgian).

### UPCOMING EVENTS

May:

- BioXHIT Workshop on Automation of beamlines
- Diamond and its application in 3rd and 4th generation x-ray sources
- Mechanical Engineering Design of SR Equipment and Instrumentation (MEDSI 2004)

June:

- 13th Annual Fibre Diffraction and Non-Crystalline Diffraction Workshop (CCP13)
- Ultrafast Structural Dynamics with Pulsed Synchrotron Radiation Workshop

### Light up your career!

The ESRF offers you an exciting opportunity to work in an international atmosphere in the French Alps. Have a look at the current job offers at

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