



# A LIGHT FOR SCIENCE

## X-RAY ABSORPTION AND MAGNETIC SCATTERING GROUP

The powerful techniques of X-ray absorption spectroscopy and magnetic scattering are well represented at the ESRF.

Experiments utilising the polarisation of the X-rays (circular or linear) such as X-ray magnetic circular dichroism can be carried out in the soft (ID08) or hard X-ray regimes (ID12, ID24). X-ray magnetic scattering is the domain of ID20, with complementary work on ID08 and ID12.

Conventional and time-resolved structural studies (EXAFS) can be carried out at BM29 and ID24 respectively. Facilities for high pressure studies are available at both beamlines. Unique possibilities for time-resolved chemistry both for basic and applied research are provided by ID24.

The Collaborating Research Group (CRG) beamlines also provide a wide range of facilities for EXAFS and magnetic scattering studies.

Coming soon ...

By the end of 2004, a 10 Tesla magnet for resonant magnetic X-ray scattering will have been installed on ID20. See ESRF Newsletter 37, p. 22 ([www.esrf.fr/UsersAndScience/Publications/Newsletter](http://www.esrf.fr/UsersAndScience/Publications/Newsletter)).

### UPCOMING EVENTS

July:

- POLIMAT Workshop: Polymorphism in Liquid and Amorphous Matter

August:

- Synchrotron Radiation Materials Science Conference SRMS-4

### 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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