

ID03's rebirth

A symposium on magnetism in solids will remember the work of Paolo Carra

A symposium is being organized by the ESRF and the ILL to honour the scientist and our friend Paolo Carra, head of the ESRF Theory Group in the Joint ESRF-ILL Theory Group, who passed away on 18 October 2005. The aim of the event will be to highlight the solid-state physics field of magnetism in solids. This is a very active field today, partly owing to its potential for practical application.

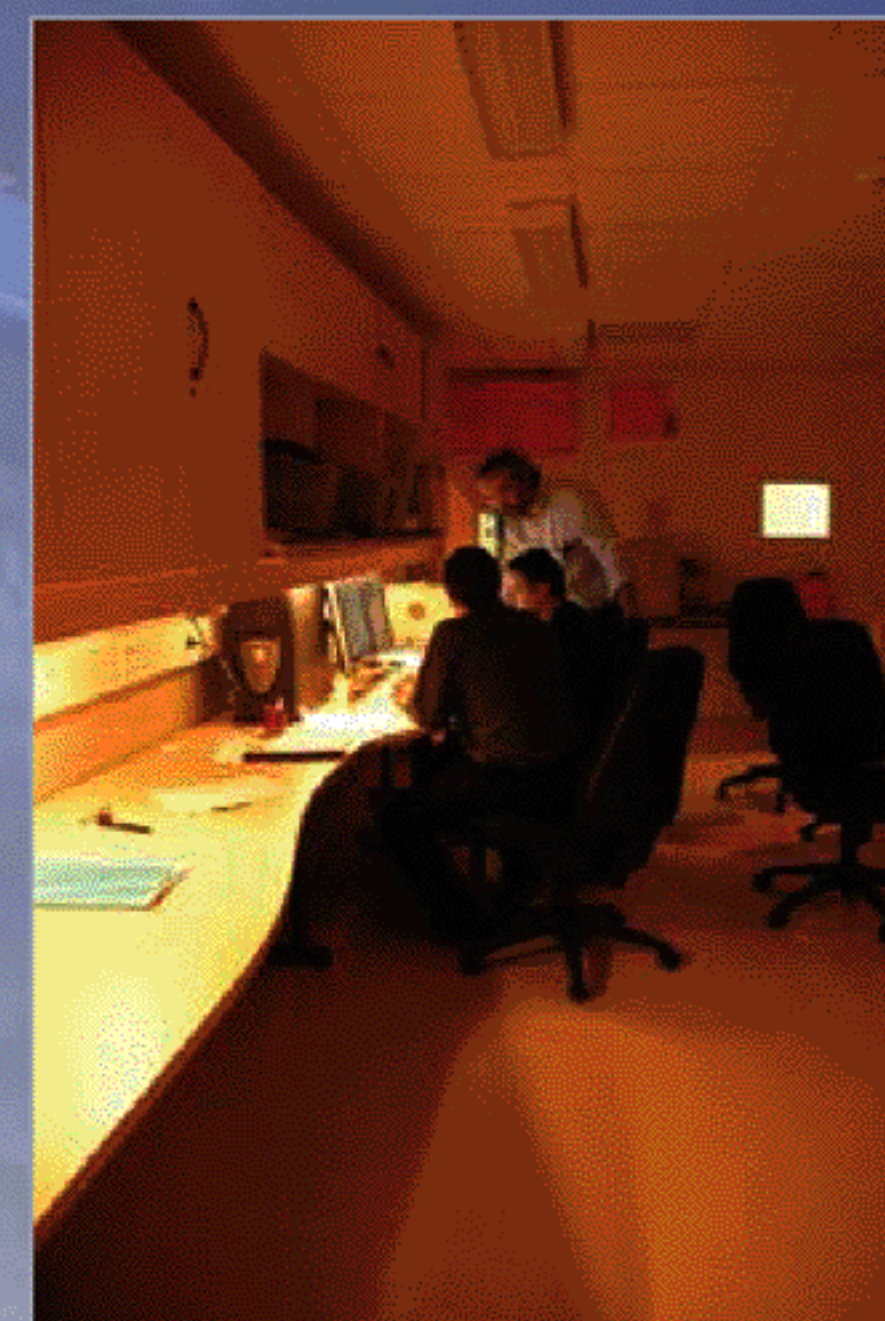
The symposium will address some of the physics concepts of relevance to the magnetism in solids. The presentations will highlight challenges for the future in this area and give a special emphasis to the important contributions that Paolo Carra made.

The event will take place on 14—15 September at the ESRF. REGISTRATION DEADLINE: 12 JULY

For more information, visit <http://www.esrf.fr/NewsAndEvents/Conferences/PaoloCarraSymposium>.

ID03, the surface diffraction beamline, has experienced a transformation and, according to the scheduled time, it has become a completely new beamline. Everything has changed: the space in the hutches, the control cabin, the furniture and even the lighting. The new ID03 also includes a brand-new laboratory for the preparation of users' samples.

The beamline's technical specifications have been updated and will open up new possibilities for experiments. Dedicated to surface science experiments, it will now have a smaller beam than before, which will increase its brilliance. It will specialize in characterizing reactions in real conditions. In addition, the beam can be delivered directly to the sample without crossing any windows, so scientists will be able to use the coherence of the beam fully.



The ESRF Newsletter focuses on bioinspiration

The new issue of the ESRF Newsletter focuses on how technology gets inspiration from nature for the development of artificial materials. Spidersilk, bones, wood or leaves are among those natural materials studied at the ESRF.

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All respondents will be entered into a prize draw to receive a \$200 Amazon voucher.

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