

Sweden joins ILL !!

On the 4th April 2005, the Directors of the Swedish Research Council

and the Institute Laue-Langevin signed an agreement that welcomes

Sweden as the tenth member country of the ILL.

This highly satisfactory outcome, effective from the 1st January 2005, is the first tangible result of an intense two-year programme to attract new European countries to ILL. The programme included such events as the New Partners Day held in June 2003, and the road shows held in Delft (Holland) and Krakow (Poland) in September 2004 where 11 countries were represented.

We would like you to give a very warm welcome to those Swedish scientists who will soon come to ILL, having successfully gained access to 1.6% (27 experiment days) of the beam time on ILL instruments at the last Scientific Council. We look forward to a long and successful partnership between Sweden and ILL.



School on Pulsed Neutron Sources: Enhancing the Capacity for Material Science

17-28 October 2005, ICTP Trieste, Italy

TOPICS

- Design and Use of Neutron Sources
- Layout and Optimization of Pulsed Spallation Sources
- Data Processing and Analysis
- Accelerator Generated Complementary Probes
- Theory and Methodology of Materials Science with Neutrons
- Selected Examples of Materials Science with Neutrons and Complementary Probes

The aim of this School is to spread knowledge on the technology and application potential of neutron sources - in particular pulsed ones - to materials science. While primarily focusing on materials research with neutrons, the complementary benefits offered by muons and syn-

chrotron radiation will be emphasized by short introductions to these techniques in the first week. Lectures on theoretical principles and examples of practical research topics will be the subject of the second half of the School.

The School is designed to alert graduate and post-doctoral students to the possibilities offered by accelerator generated probes (neutrons, muons and synchrotron radiation) in the investigation of materials for practical applications and to familiarize them with the principles and technology of pulsed neutron sources and their application. It will cover all aspects of the design and optimization of pulsed neutron sources, explaining the flexibility

and limitations that exist in providing customer-tailored beams for different kinds of applications. The idea is to bring together potential future source designers and users, establish contacts and generate a better mutual understanding on the one hand and to encourage the use of existing facilities on the other.

To apply for this activity, please contact smr1678@ictp.it before 30 June 2005.

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