



Proposal for the organization of PNCMI'2012 in Paris

The Laboratoire Léon Brillouin is the French neutron scattering facility. It operates 22 spectrometers among which 7 are using polarized neutrons, covering a wide range of science (reflectometer, SANS, TASS, single crystal diffractometers and Resonant Spin-Echo). The LLB has thus an extended expertise in polarized neutrons. Significant upgrades are underway on several of these instruments within the CAP 2015 instrumentation program.

We propose that the next PNCMI'2012 meeting could be organized in Paris from 2-6 July 2012.

The proposed site would be in the center of Paris (FIAP Jean Monet). The site is readily accessible from both Paris airports (45 min). The congress center can provide cheap accommodation for students (Single €57; Twin €38). The nearby Cité Internationale Universitaire could also provide accommodation for students. The proposed period would be during the first half of July.

The proceedings would be published in the European Physical Journal Special Topics. The cost per volume would be ~€35. Our previous experience was very positive with editing times of the order of 4 months. The proceedings would be access free on the Web.

Support from various institutions (CEA, CNRS, Region, RTRA) would permit to propose low registration fees (€340 regular ; €170 reduced).

The LLB regularly organizes training schools in neutron scattering (FANs du LLB <http://www-llb.cea.fr/fan/>; Hercules Lectures and Practicals <http://hercules.grenoble.cnrs.fr>).

The LLB scientists also participate in the organization of all annual neutron schools of the French Neutron Society as well as in the organization of schools on Polarized Neutrons ("Neutrons et Magnétisme -2000" and « Application des Neutrons Polarisés aux Sciences de la Matière et du Vivant » June 2005 (<http://www.sfn.asso.fr/>)). We propose to organize a PNCMI School that will give a comprehensive introduction to polarized neutrons in diffraction and reflectometry.

Local organization committee

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Useful links

Laboratoire Léon Brillouin
FIAP Jean Monet

www-llb.cea.fr
<http://www.fiap.asso.fr/>

