

**PROPOSALS  
SELECTION COMMITTEES  
MISCELLANEOUS**

## ORGANIZATION OF THE USERS ACCESS

To perform an experiment, the researcher must submit a proposal on a special form where he specifies his scientific interest and describes the proposed experiment.

Deadlines for submission are : 1st April and 1st October of each year.

The proposals are examined and selected by a peer review international Selection Panel composed of experts (in the majority external to LLB) which meets every 6 months. It is divided into 4 subpanels :

- Physical chemistry and biology
- Structural studies and phase transitions
- Magnetism and superconductivity
- Disordered systems and materials science.

Among those selected on the basis of scientific merit, experiments are chosen on the following criteria :

- **new users**
- **experiments involving PhD thesis (or post-docs)**
- **countries with no neutron facilities.**

After the experiment, the user team must send a written experimental report, and reprints of the related publication(s). The experimental reports and list of publications are published in the LLB scientific activity report.

In the LLB, the users obtain the necessary scientific support to prepare, perform and interpret their experiments. The involvement of the local contact depends on a preliminary informal agreement with the users to decide whether there will be a formal collaboration and common publication, or basic instrumental and data analysis support only.

## EXPERIMENTAL PROPOSALS

You are request to send a proposal for the experiments you wish to carry out. It can concern equally the submission of a new proposal or a resubmission of a proposal which have obtained "B" grade from a previous Selection Committee. It can be on the dedicated application form or through our web server. This service is available at the following address :

<http://www-llb.cea.fr/proposals/>

The proposals should be carefully completed and sent to us using either the paper original forms (if you are in need of further copies please contact us by postmail, fax, telephone or e-mail) or the web server. For your convenience, you will find on our laboratory's web server the list of spectrometers, their main characteristics and the way to join the physicist normally responsible of each instrument.

### 1. Proposal submission

When completing the form, please indicate whether it is a new proposal, a continuation of a previous experiment or a resubmission. Each demand should be self-contained and presented in a clear and concise manor, written in English or French. For guidance, the contents of a proposition should correspond to the equivalent of a 5 to 10 minutes oral presentation. In the case of a project continuation, attach the corresponding experimental report if it has not already been previously supplied.

All the proposals should be sent to the "Secrétariat Scientifique du Laboratoire Léon Brillouin". To be included in the next selection, the deadlines for reception are :

**1st April and 1st October**

**2. LLB's web server :** <http://www-llb.cea.fr>

### 3. Function of the Selection Committee

Proposals are examined by 4 Selection Committees. Each is composed of 10 to 12 senior scientists which are nominated by the management of llb for 3 years. At least half of them do not belong to the LLB and 2 or 3 are coming from foreign institute.

For each spectrometer, LLB gives a beam-time available which is shared out by the committee ; each proposal gets a grade A or B or C

A : means that the experiment must be done and the committee allocates a beam-time,

B : means that the experiment might be done if there is some extra beam-time,

C : means that the experiment is refused on scientific arguments.

Selection Committees are asked to take care of the educational duty of the LLB when proposal comes from new young searcher.

## EXPERIMENTAL REPORT

After each experiment done at LLB, you must write an experimental report and send it to the scientific secretary of the LLB at the following address :

Scientific Secretary  
Laboratoire Léon Brillouin  
CEA- Saclay  
F-91191 Gif-sur-Yvette cedex

A Word 97 template file may be obtained on our web site.

Please : **NO MORE THAN 4 PAGES** the other ones will be lost.

Once filled, this file may be sent back to our secretariat by e-mail at the following address :

[experience@llb.saclay.cea.fr](mailto:experience@llb.saclay.cea.fr)

**LABORATOIRE LEON BRILLOUIN  
CEA/SACLAY  
91191 Gif-sur-Yvette Cedex  
FRANCE**

**PROPOSITION D'EXPERIENCE  
(RESEARCH PROPOSAL)**

N° :  
  
  
Ne pas remplir  
(To be filled by LLB)

**CLASSIFICATION**  
Thème : ..... Sous thème : .....  
A remplir par le participant (cf. classification)  
(To be filled by the applicant, see classification list)

Projet dans le cadre  
d'un contrat

European Access  
Programme (H.P.R.I.)

Nouvelle proposition   
(New proposal)

Resoumission   
(Resubmission)

Continuation  →

N° Expérience précédente  
(Last experiment number)

**TITRE DE L'EXPERIENCE :** \_\_\_\_\_  
(TITLE OF THE EXPERIMENT) : \_\_\_\_\_

**PREMIER PROPOSANT (FIRST APPLICANT)**

**NOM, PRENOM :** \_\_\_\_\_ **NATIONALITÉ :** \_\_\_\_\_  
(Full name) (Nationality)  
**STATUT** [Chercheur confirmé = C ; Post-doc = P ; Thésard = T ; Autre = A] : \_\_\_\_\_  
(Status [senior scientist = C; Post-doc = P; Ph D = T; Other= A])  
**ORGANISME DE RATTACHEMENT** [CNRS ; CEA ; Université ; Autre (préciser)] : \_\_\_\_\_  
(Affiliation Institute [CNRS; CEA; University; Other (precise, which one)])  
**LABORATOIRE (adresse complète) :** \_\_\_\_\_  
(Laboratory, Institute, full address) **Code Unité CNRS :** \_\_\_\_\_  
**Téléphone :** \_\_\_\_\_ **Fax :** \_\_\_\_\_ **e.mail :** \_\_\_\_\_

**AUTRES PARTICIPANTS (OTHERS APPLICANTS)**

Nom, Prénom (Full name)	Nationalité (Nationality)	Statut (Status)	Organisme de rattachement (Affiliation Institute)	Laboratoire (adresse complète) (Laboratory, full address)	Code Unité CNRS

<b>Correspondant local</b> (Local contact)			
<b>Appareil(s) souhaité(s)</b> (Proposed instrument(s))			
<b>Temps d'expérience demandé (jours)</b> (Estimated measuring time, days)			

**THEMATIC CLASSIFICATION**

**Theme A : CHEMICAL PHYSICS, BIOLOGY**

- A.01.....Polymers, liquid crystals
- A.02.....Water, aqueous solutions, polyelectrolytes
- A.03.....Biology
- A.04.....Colloids, surfactants
- A.05.....Gels, composite materials
- A.06.....Other....

**Theme B : STRUCTURAL STUDIES, PHASE TRANSITIONS**

- B.01.....Mineral crystalline structures : ceramics, zeolites, hydrides, alloys ...
- B.02.....Molecular systems
- B.03.....Structural studies of phase transitions
- B.04.....Dynamical and structural properties of quasiperiodic systems
- B.05.....Lattice dynamics
- B.06.....Dynamical properties of phase transitions
- B.07.....Other....

**Theme C : MAGNETISM, SUPERCONDUCTIVITY**

- C.01.....Superconductor materials and related compounds  
(Structural studies included)
- C.02.....4 f Lanthanide systems (heavy fermions)
- C.03.....5 f Actinide systems (heavy fermions)
- C.04.....3 d Transition systems
- C.05.....Low dimensional magnetism
- C.06.....Magnetic multi-layers
- C.07.....Frustration and magnetic disorder. Small magnetic particles
- C.08.....Molecular magnetism
- C.09.....Other....

**Theme D : DISORDERED SYSTEMS AND MATERIAL SCIENCE**

- D.01.....Local order in alloys
- D.02.....Liquid and amorphous structures
- D.03.....Dynamics of disordered systems
- D.04.....Glass transition
- D.05.....Thin film materials
- D.06.....materials : textures
- D.07.....materials : stresses
- D.08.....materials : clusters, cavities
- D.09.....Neutron radiography
- D.10.....Other....