

ACCESS PROTOCOL

Access without Proposal

To gain access to the LMA facilities without proposals you just have to fill online the form available in the LMA web site. You will get an email in a few working days informing you about the dates in which you can use the instrument you requested in your application.

Access with Proposal or ICTS Access

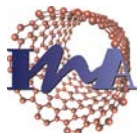
To gain access to the LMA facilities with proposal, which involves a significant discount in the rates, users have to submit a brief research **proposal** describing their requirements. A standardized, proposal form is available at LMA website (Access with Proposal section), which has to be filled in and uploaded online. You will get an email in a maximum of ten working days with the outcome of your proposal. If your proposal has been accepted you will be informed about the dates in which you can use the instrument you requested in your application.

The research proposal to gain access will contain:

- Administrative details of the requesting person or group leader
- The scientific and/or technological aim to be carried out at LMA; the relevant technical issues and the scientific background of the applicant/s, and any special requirements which the projected work may have.)
- The requested instrument(s)
- The requested access time to the instrument

There will be a permanently open call for submission of proposals. Successful proposals will be then allocated for a measuring slot as soon as possible.

For every successful proposal, the area leader of the LMA will assign a technician to support the applicant.. The applicant will be then notified of the acceptance of the proposal and invited to discuss details and dates of the experiment with the LMA technician.



All proposals will be treated as confidential and will be only revised by the Access Committee and the technician who will work on the project.

Access Committee

The evaluation of the proposals is performed by specialized committees in each of the three scientific divisions of the LMA. The committees are chaired by the corresponding responsible scientist of the TEM, SPM and Dual Beam areas and are formed by the following experienced external scientists.

TEM Experts

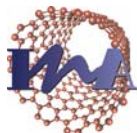
- Dr. B. Warot (CEMES- CNRS, Toulouse) – Expertise: EELS, in-situ TEM
- Dr. J. Verbeek (EMAT, Antwerpen) – Expertise: EELS, STEM-HAADF, Tomography
- Pr. J. Arbiol (ICMAB, Barcelona) – Expertise: HREM, HRSTEM, EELS
- Dr. Luca Ortolani (University of Bologna) – Expertise : Holography, HREM
- Dr. E. Snoeck (Coordinator TEM division of LMA) – Expertise: Lorentz, Holography, HREM

SPM Experts

- Dra. Agustina Asenjo (ICMM, Madrid). Expertise: Magnetic Force Microscopy.
- Dr. Carlos Untiedt (Univ. Alicante). Expertise: low temperature transport through nanostructures.
- Prof. José Ignacio Pascual. Expertise: Surface Science and low temperature UHV-SPM

Dual Beam Experts

- F. Pérez-Murano (UAB, Barcelona). Expertise: Electron Beam Lithography
- J. Gierak (LPN-CNRS – Marcoussis, France). Expertise: Ion Beam Lithography
- José Luis García Fierro (ICP-CSIC, Madrid). Expertise: XPS.
- Bruno Humbel (Univ. Lausanne, Switzerland). Expertise: Cryo Dual Beam.
- Prof. José María de Teresa (Coordinator Dual Beam division of LMA). Expertise: Nanolithography



Description of the evaluation procedure

Proposals will be sent through LMA web site and, depending on the requested instrument, they will reach the corresponding head of area, who will transfer it to a member of the User Selection Panel (USP).

Each proposal will be assessed by the USP against the following selection criteria:

- ✓ Scientific and/or technological merit of the proposal (rank: weak: 0 – outstanding: 10. Threshold value 5)
- ✓ Research capabilities of the applicant/s (rank: weak: 0 – outstanding: 10. Threshold value 5)
- ✓ Technical issues, feasibility of the experiment, actual need of the LMA equipment for the work proposed...

Proposals with a total ranking less than 10 will be rejected. Rejection of a proposal will always be accompanied by a report written by the referee of the USP outlining the reasons for rejection. Where appropriate, the report will also include recommendations and suggestions for improvement and resubmission of a new proposal for accessing to the LMA.

Proposals will be accepted in strict order according to the ranking and the available measuring slots.