



PRESS RELEASE

ETSF Call for Proposals

The European Theoretical Spectroscopy Facility invites proposals from interested scientists in academia and industry all year round on <http://www.etsf.eu>. Proposals are evaluated twice a year. The deadline for submission for the autumn evaluation is Monday 27th October 2008 17:00.

This call follows the successful spring 2008 call. Within the spring call 38 projects were evaluated, involving 124 researchers from 36 different institutions. Of these, 20 collaborative and 5 training projects were accepted, accounting for 66% of success. Following his experience as an ETSF user, Prof. Norbert Esser, the Director of the ISAS Institut in Berlin, says

“The ETSF helps us to convert optical fingerprint spectra into atomic scale structure information. Thanks to the support of numerical theoretical approaches as available through the ETSF, we have the chance to use optical spectroscopy as a analytical tool for nanostructures and interface structures”.

Through the ETSF, each user, whether from academia or industry, obtains easier and wider access to world-leading theoretical spectroscopy research and training tools. In a similar manner to a synchrotron, the ETSF is structured in *beamlines* covering fields of interest in theoretical spectroscopy such as optics, quantum transport, time-resolved and photo-emission spectroscopies. Information on the web site allows users to easily identify the most appropriate beamline. All potential users are invited to contact the relevant beamline scientist for further information and discussion concerning their project ideas.

The continuous interchange of knowledge, experiences, and codes among the ETSF scientists, numbering more than 200, certainly has important and positive implications for the users. Dr. Simona Silaghi, a former ETSF user, reports:

“For me as an experimentalist physicist, I find it amazing that the ETSF is capable of offering support in the optical spectroscopy of ultra-thin (monolayer) organic films! Thanks to the collaboration with the ETSF scientists we have the unique chance to understand, explain and control particularly the excitonic properties of our porphyrin oligomer films with a great potential in the field of organic solar cells.”

The types of projects which may be submitted are diverse, including requests for dedicated training, calculations, and specific theory and code developments. The application forms, to-

gether with comprehensive information on the ETSF and its expertise, may be found on-line at <http://www.etsf.eu>.

Submitted projects will be evaluated by an external scientific board on the basis of scientific excellence. An internal panel is in charge of evaluating the feasibility of the proposals. The successful proposers will be attributed some “beamtime”, which means that ETSF scientists will dedicate their knowledge, competence and time to the specific needs of the user. Some of the successful applications will be funded by the EC through the “ETSF-I3” project (January 2008 - December 2010), an ICT-based e-infrastructure.

Further information

- For local enquiries please contact the press office from which you received this release.
- For more information about the ETSF, see <http://www.etsf.eu>.
- Call: <http://www.etsf.eu/index.php?page=callforproposals>
- Beamlines: <http://www.etsf.eu/index.php?page=beamlines>
- FP7: http://cordis.europa.eu/fp7/home_en.html

The ETSF beamlines and beamline scientists

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President and Scientific Coordinator: Professor Xavier Gonze, Université Catholique de Louvain-la-Neuve, Belgium.

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Chair of the ETSF Steering Committee: Professor Rex Godby, University of York, UK.