



## PRESS RELEASE

### The ETSF: what is it and why could you be interested?

The European Theoretical Spectroscopy Facility (ETSF) is a recent User Facility charged with providing support and service to research under way in academic, government and industrial laboratories. All domains that need knowledge about electronic excitations, transport and spectroscopy would benefit from the ETSF, such as condensed matter physics and chemistry, biology, materials and nano science.

The ETSF is constituted of more than 200 researchers in 9 European countries and the United States.

In a similar manner to a synchrotron, the ETSF is structured in *beamlines* whose activities are coordinated by a relevant beamline scientist (the list is available at the end of this document).

The services and benefits that can be obtained, are:

- 1 Proposition of an ETSF proposal which requires partial- or full-work of ETSF personnel. The typology of the projects comprise: i) Specialized and personalized training on ETSF software. ii) Consultancy about the use of ETSF software, the development of new theoretical breakthroughs, or any topic related to Theoretical Spectroscopy. iii) Devise elements of theory or software that do not yet exist but are sufficiently relevant to be developed by a member of the ETSF, in collaboration with the proposer if appropriate. iv) Development of a full user-project through a scientific collaboration with ETSF scientists and technicians.
- 2 Direct use of ETSF software with the help of publications, manuals and tutorials published by the ETSF. (See the web page <http://www.etsf.eu>)
- 3 Participation in training events on theory and on the use of ETSF software.
- 4 Receipt of the electronic Users' Newsletter twice a year. It informs you of the latest news of the ETSF, its services and the next submission deadline.

The call for proposals is held twice a year, in Spring and in Autumn, but the interested scientists can submit a project all through the year.

**The next call for proposals will close at 17:00 of Tuesday 27 October 2009.**

The submitted proposals are evaluated by an external scientific board on the basis of scientific relevance and excellence, while an internal panel is in charge of evaluating their feasibility.

Interested scientists from any country are invited to contact beamline scientists and submit a proposal on the ETSF web site (<http://www.etsf.eu>)

### Further information

- 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](http://cordis.europa.eu/fp7/home\_en.html)

### The ETSF beamlines and beamline scientists

<b>Optics</b>	Dr. Olivia Pulci	<a href="mailto:olivia.pulci@roma2.infn.it">olivia.pulci@roma2.infn.it</a>
<b>Energy Loss</b>	Dr. Francesco Sottile	<a href="mailto:francesco.sottile@polytechnique.edu">francesco.sottile@polytechnique.edu</a>
<b>Photo-emission</b>	Dr. Claudio Verdozzi	<a href="mailto:claudio.verdozzi@teorfys.lu.se">claudio.verdozzi@teorfys.lu.se</a>
<b>Quantum Transport</b>	Dr. Peter Bokes	<a href="mailto:peter.bokes@stuba.sk">peter.bokes@stuba.sk</a>
<b>Time-Resolved</b>	Dr. Miguel Marques	<a href="mailto:marques@teor.fis.uc.pt">marques@teor.fis.uc.pt</a>
<b>X-ray Spectroscopy</b>	Prof. John Rehr	<a href="mailto:jjr@phys.washington.edu">jjr@phys.washington.edu</a>
<b>Vibrational Spectroscopy</b>	Prof. Gian-Marco Rignanese	<a href="mailto:rignanese@pcpm.ucl.ac.be">rignanese@pcpm.ucl.ac.be</a>

- **President and Scientific Coordinator:**  
Professor Xavier Gonze, [gonze@pcpm.ucl.ac.be](mailto:gonze@pcpm.ucl.ac.be),  
Université Catholique de Louvain-la-Neuve, Belgium.
- **Vice-President for Scientific Development:**  
Professor Angel Rubio, [Angel.Rubio@ehu.es](mailto:Angel.Rubio@ehu.es),  
Universidad del País Vasco, San Sebastian, Spain.
- **Vice-President for Users and Technology:**  
Dr. Lucia Reining, [lucia.reining@polytechnique.fr](mailto:lucia.reining@polytechnique.fr),  
Laboratoire des Solides Irradiés (CNRS, CEA and Ecole Polytechnique), Palaiseau,  
France.
- **Director of the ETSF Meeting Centre:**  
Professor Rodolfo Del Sole, [rodolfo.delsole@roma2.infn.it](mailto:rodolfo.delsole@roma2.infn.it),  
Università di Roma Tor Vergata, Italy.
- **Chair of the ETSF Steering Committee:**  
Professor Rex Godby, [rwg3@york.ac.uk](mailto:rwg3@york.ac.uk),  
University of York, UK.