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European Theoretical Spectroscopy Facility publishes first Call for Proposals

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The European Theoretical Spectroscopy Facility (ETSF) is an exciting and innovative new initiative in European nanoscience, a permanent research infrastructure bringing wider and easier access for the public and private sectors to world-leading theoretical Physics research tools and expertise.

The European Theoretical Spectroscopy Facility (ETSF) is an exciting and innovative new initiative in European nanoscience, a permanent research infrastructure bringing wider and easier access for the public and private sectors to world-leading theoretical Physics research tools and expertise, and continuing an highly successful 15-year collaboration between several European research groups. The ETSF is now publishing its first Call for Proposals, opening on Monday, 12th March 2007 and closing at 23:59 on Wednesday, 11th April 2007, on its web site at <http://www.etsf.eu>. This site also provides comprehensive information about the Facility, including details of the scientific fields at the core of its expertise.

Proposals are welcomed from any person or group from the public or private sector who has a need to engage with this field in collaboration with the ETSF's expert researchers: just as expert scientists' services are necessary to use a synchrotron, ETSF services are essential to use the specialised software needed for theoretical spectroscopy.

In pursuit of its major objective to widen access to knowledge and expertise in the field of electronic excitations, the ETSF is building a strong community of Users, beginning with these first projects. The ETSF enables their connection with the most appropriate theory group to address their needs, offering a wide variety of ways of sharing knowledge, depending on the expertise and needs of the User: for example, support for use of specialised software, placement of a member of the User's organisation for training, undertaking of a fully-collaborative project or a service provision in which the User is the "customer".

One ETSF User, Dr. Antonio Porro, Manager of the Centre for Nanomaterials Application (NANOC) of LABEIN-Tecnalia, Derio, Spain, says about the ETSF:

"The creation of the ETSF offers a unique possibility in advancing in the field of the numerical simulation of materials' properties. In NANOC, we identify the ETSF as a worldwide leading facility on theoretical spectroscopy, and collaboration with it will enable us to make substantial advances with our work: we will be able to offer more added value to our industrial customers, and our position as a technology centre will be strengthened. We therefore consider the ETSF as a key scientific partner for our future."

Subject: Industrial Research; Innovation; Innovation Technology Transfer; Materials Technology; Nanotechnology; Nuclear Energy; Sixth Framework Programme; Technology;

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