



11th International Symposium on Fusion Nuclear Technology

16-20 September 2013. Barcelona, Spain

J. Sánchez (General Chairman, CIEMAT)

L.A. Sedano (Scientific Secretary, CIEMAT)

M. Sanmartí (Local Organizing Committee Chair, IREC)



First Announcement

Symposium Scope

The International Symposium on Fusion Nuclear Technology (ISFNT) has been recognized as one of the main international gathering for fusion energy and technology development since it was conceived. The main goal of the ISFNT is fostering collaborations among scientists and engineers working on the many technical disciplines of the field and to exploit synergies that have arisen in order to identify means to resolve the key issues in Fusion Nuclear Science and Technology (FNST). The symposium focuses on both near-term fusion devices and long-term reactor technologies. Contributions related to the science, engineering, facilities, modeling, analysis, design and safety are encouraged.

Technical Topics

- First-wall Technology and High Heat Flux Components
- Blanket Technology
- Fuel Cycle and Tritium Processing
- Material Engineering for FNT
- Vacuum Vessel
- Nuclear System Design
- Safety Issues and Waste Management
- Models and Experiments for FNT
- Repair and Maintenance
- Burning Plasma Control and Operation
- Inertial Confinement Fusion Studies and Technologies
- Fission-fusion Synergy and Crosscutting Technologies

The working language of the symposium and the proceedings is English.

Scientific Program and Publication

The symposium will consist of invited and contributed technical papers. Both oral presentation sessions and poster sessions are planned. Technical papers will be peer reviewed by the Elsevier peer review process and accepted papers will be published in special symposium proceedings volumes of *Fusion Engineering and Design*.





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Web Site

Additional information on the symposium and the Barcelona area is available at the symposium web site, <http://www.isfnt-11.org>. Check in frequently for the latest information.

An International Industrial Fusion Business Forum is being planned with commitments and procurements established for ITER. This International Business Forum will be held in conjunction with ISFNT-11, providing a venue of the interaction among those involved in all aspects of the nuclear energy life cycle. The Forum Chairman is Professor JM Filhol of Fusion for Energy, F4E/Barcelona. In addition to the Forum, opportunities are available for companies and institutions to set up displays and exhibits throughout ISFNT-11.

See the meeting website for more information.

Miya-Abdou Award for Outstanding Technical Contributions to the Field of Fusion Nuclear Science and Technology

Significant contributions to development of fusion nuclear technology are recognized by nominations to the Miya-Abdou Award. Details regarding the award are available on the website, and the ISFNT International Standing Committee encourages colleagues to nominate peers meeting the award criteria. A monetary reward is provided to the winning candidate.

Key Dates

- First Announcement 15 March 2012
- Second Announcement 30 August 2012
- Invitations to Invited Speakers 30 September 2012
- Abstract Due Date 15 January 2013
- Author Notifications 28 February 2013
- Registration Available 15 March 2013
- Nominations Due for the Miya-Abdou Award 30 March 2013
- Manuscripts Due for Peer Review 1 May 2013
- Symposium Convened 16-20 September 2013
- Final Manuscripts Due 19 September 2013

Symposium Committee

Honorary Chair:	Dr. F. XAVIER MENA, Minister of Enterprise and Labour, Catalonia.
General Chair:	Dr. J. SANCHEZ, Director of Fusion National Laboratory at CIEMAT,
General Co-Chair:	Dr. F. BRISCOE, Director of Fusion for Energy.
Scientific Secretary:	Dr. LUIS A. SEDANO, Fusion Technology Division (CIEMAT).
Publication Co-chair:	Dr. E. R. HODGSON (CIEMAT), A. IBARRA (CIEMAT)
Scientific Secretariat:	P. CASTRO (CIEMAT), D. VILLA (CIEMAT)
LOC Chair:	M. SANMARTI (IREC)
LO Committee:	I. MARTINEZ (IREC), D. DABBAH (CIEMAT), O. NOMEN (IREC), F. CARBAJO (CIEMAT), S. MORENO (CIEMAT), M. SAVOV (VIAJES IBERIA)



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ISFNT International Standing Committee Members

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M. Abdou UCLA, USA
L. Boccaccini KIT, Germany
S. Cho NFRC, Korea
V. Chuyanov ITER IO, France
S. Deshpande IPR, India
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Contact Information

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