

Second Announcement

12th International Symposium on Fusion Nuclear Technology

14 - 18 September 2015, Jeju Island, South Korea

Symposium Scope

The International Symposium on Fusion Nuclear Technology (ISFNT) is recognized as one of the premier international gatherings to foster interactions among scientists and engineers to exchange information on all scientific, engineering, and other technical aspects of fusion nuclear science and technology. It also represents great opportunities for reporting on recent technical progress, discussing many multidisciplinary issues and fostering international collaboration for the promotion of fusion energy development. The symposium addresses near-term fusion devices, ITER and long-term reactor technologies. We encourage contributions related to science, engineering, facilities, experiments, modeling, analysis, and design and safety.

Technical Topics

1. Plasma-Facing High Heat Flux Components
2. Blanket/First Wall Technology
3. Fuel Cycle and Tritium Processing
4. Material Engineering for FNT
5. Vacuum Vessel
6. Nuclear System Design
7. Safety Issues and Waste Management
8. Models and Experiments for FNT
9. Repair and Maintenance
10. Burning Plasma Control and Operation
11. Inertial Confinement Fusion Studies and Technologies
12. Fission-Fusion Synergy and Cross Cutting Technologies





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 using the Elsevier peer review process, and accepted papers will be published in the special issue of Fusion Engineering and Design.

Call for Abstracts

Authors are invited to submit one-page abstracts clearly stating the purpose, the principal results, and major conclusion to be presented at the symposium. Abstract submission should be done through the electronic submission page on the web site. Abstract submission will be available from **December 1st, 2014 to February 14th, 2015**. Further information regarding abstract submission can be found at the web site, <http://www.isfnt-12.org>

Miya-Abdou Award

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 Committee encourages colleagues to nominate peers meeting the award criteria. A monetary award is provided to the winning candidate.

Satellite Meetings

Dedicated meeting rooms will be available for satellite meetings during the Symposium. If you would like to organize a specific satellite meeting, please contact the Scientific Secretary (Dr. S. Cho, sycho@nfri.re.kr).

Registration

Registration will be made via the symposium website. The early registration fee for delegates is USD 900 (early registration due: 14th of July, 2015) and the late registration fee is USD 1,100. The fee covers the attendance at the sessions, coffee breaks, reception, excursion, and Gala Dinner. More detailed information regarding the registration can be found at the symposium web site.

Industrial Exhibition

Vendors with products and services related to fusion nuclear technology are invited to participate in the industrial exhibition. The exhibitor's prospectus will provide detailed information for exhibitors on the symposium venue, registration forms, and prices. Interested vendors should contact loc@isfnt-12.org.

Contact Information

LOC Administrator
E-mail: loc@isfnt-12.org



Key Dates

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| • First Announcement | 14 March, 2014 |
| • Second Announcement and Call for Abstracts | 14 September, 2014 |
| • Invitation letters to Invited Speakers | 14 January, 2015 |
| • Abstracts Due | 14 February, 2015 |
| • Notification to Authors of Paper Selection | 14 April, 2015 |
| • Registration Package Mailed | 14 April, 2015 |
| • Deadline for Early Registration | 14 July, 2015 |
| • Manuscripts Due | 30 July, 2015 |
| • Symposium Convened | 14-18 September, 2015 |

Symposium Committee

- M.A. Abdou (Honorary Chairman, UCLA USA)
- M. Kwon (General Chairman, NFRI Korea)
- B.G. Hong (Chairman, Scientific Program, JBNU Korea)
- Y.S. Hwang (Chairman, Publication, SNU Korea)
- B.H. Oh (Chairman, Exhibitor and Sponsorship, KAERI Korea)
- S. Cho (Scientific Secretary, NFRI Korea)

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| • Seungyon Cho (NFRI Korea) | • Brad J Merrill (INL USA) |
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Local Organizing Committee

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