



# 13<sup>th</sup> International Symposium on Fusion Nuclear Technology

25 - 29 September 2017, Kyoto, Japan

## First Announcement

### 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

- ♦ Plasma-Facing High Heat Flux Components
- ♦ Models and Experiments for FNT
- ♦ Blanket/First Wall Technology
- ♦ Fuel Cycle and Tritium Processing
- ♦ Material Engineering for FNT
- ♦ Vacuum Vessel
- ♦ Nuclear System Design
- ♦ Safety Issues and Waste Management
- ♦ Repair and Maintenance
- ♦ Burning Plasma Control and Operation
- ♦ Inertial Confinement Fusion Studies and Technologies
- ♦ Fusion Synergy with other Sciences and 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 using the Elsevier peer review process, and accepted papers will be published in a symposium proceedings special issue of Fusion Engineering and Design.

## Web site

Additional information on the symposium and Kyoto is available at the symposium web site, <http://www.isfnt-13.org/> Check in frequently for the updated information.

## 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.

## Key Dates

· First Announcement	25 March, 2016
· Second Announcement and Call for Abstracts	25 September, 2016
· Invitation letters to Invited Speakers	25 January, 2017
· Abstract Due Date	25 February, 2017
· Notification to Authors of Paper Selection	25 March, 2017
· Registration Package Mailed	25 March, 2017
· Manuscripts Due	25 June, 2017
· Deadline for Early Registration	25 July, 2017
· Revised Manuscripts Due	25 August, 2017
· Symposium Convened	25-29 September, 2017

## Symposium Committee

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- S. Konishi (Panel Organizer, Kyoto Univ. Japan)
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