15th International Symposium on Fusion Nuclear Technology

September 10 – 15, 2023, Las Palmas de Gran Canaria, Spain

SECOND ANNOUNCEMENT AND CALL FOR ABSTRACTS

Symposium Scope

International Symposium on Fusion Technology (ISFNT) focuses on all technical aspects of fusion nuclear technology (FNT) and other related disciplines. ISFNT is one of the main international events for the nuclear fusion field and offers an outstanding opportunity for the fusion community to meet, discuss new ways to address complex problems, and find advanced solutions in nuclear fusion technologies. The symposium covers both near-term fusion devices and long-term reactor fusion nuclear science and technologies. Contributions related to science, engineering, facilities, experiments, modelling, analysis, design, and safety are encouraged to be presented at ISFNT.

ISFNT-15 website is https://isfnt2023.com.

Call for Abstracts

Abstract submission should be done through the symposium website https://isfnt2023.com/call-for-abstracts, being available **from 16th January 2023 to 1st March 2023**.

Authors are invited to submit abstracts to the Symposium clearly stating the purpose, the principal results, and the major conclusions to be presented. Abstracts must be written in English and must not exceed 300 words. Acceptance criteria will be based on a thorough review. Those authors that already submitted abstracts to the former website, when the symposium was foreseen to be held in Hefei (China), are kindly asked to resubmit their abstracts on the current website.

Conference Venue

The conference will be held in the *Palacio de Congresos de Canarias / Auditorio Alfredo Kraus*, in Las Palmas de Gran Canaria, Canary Islands, Spain. Address: Avenida Príncipe de Asturias, s/n. 35010. Las Palmas de Gran Canaria, Gran Canaria, Spain. 📍

Information about the venue, travel, and accommodation can be found on the webpage: https://isfnt2023.com/general-information.

Technical Topics

1) Plasma-Facing High Heat Flux Components
2) Blanket Technology
3) Fuel Cycle and Tritium Processing
4) Material Engineering for FNT
5) Vacuum Vessel and Ex-vessel Systems
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

Key Dates

Call for Abstracts	Jan. 16th, 2023
Abstract Submission Deadline	Mar. 1st, 2023
Notification to Authors on Abstract Selection	Apr. 15th, 2023
Nominations Miya-Abdou Awards Deadline	May 15th, 2023
Early Bird Registration Deadline	Jul. 15th, 2023
Paper Submission Deadline	Sep. 30th, 2023
Symposium Celebration	Sep. 10th-15th 2023

SECOND ANNOUNCEMENT AND CALL FOR ABSTRACTS

Scientific Programme and Publication

The Symposium will consist of invited and contributed technical papers. The conference schedule includes plenary talks, which will open the daily programme, followed by contributed presentations, distributed in parallel sessions, and poster sessions. Invited presentations might be selected from the best abstracts.

Authors are encouraged to submit full-length papers to be considered for publication in a symposium proceedings **special issue of Fusion Engineering and Design**. The papers will be peer-reviewed according to the ELSEVIER review process.

Miya-Abdou Award

Significant contributions to the development of fusion nuclear technology are recognized by **nominations to the Miya-Abdou Award.** The ISFNT International Standing Committee encourages colleagues to nominate peers according to the award criteria. A monetary award is provided to the winning candidate.

FED Student Award

Fusion Engineering and Design Student Award is an Award for the best contribution (poster or oral) presented by students at the ISFNT. A monetary award is provided to the winning candidate, sponsored by ELSEVIER.

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 Local Organizing Committee (LOC).

Sponsors and Exhibitors

Exhibitors and sponsors are cordially invited to join the ISFNT-15. Companies and Institutions take the opportunity to exhibit their capabilities, projects, products, and experience with the international fusion technology community. Please click here for more information.

Registration

Registration will be made via the symposium website. The registration fees are shown in the table below. The fee covers attendance at the scientific sessions and industrial exhibition, coffee breaks, welcome reception, and gala dinner.

CONFERENCE FEE	EARLY REGISTRATION	REGULAR REGISTRATION
DELEGATES	730,00 €	830,00 €
STUDENT	450,00 €	500,00 €
ACCOMPANYING PERSON	250,00 €	250,00 €
1 DAY REGISTRATION	220,00 €	220,00 €

Visa & Travel

International visitors of certain countries might require a Schengen visa. Click here for further information. Ask for an invitation letter if needed at the ISFNT Technical Secretary (technicalsecretariat@isfnt2023.com). Please also check COVID national restrictions that might apply at the time of travel.

Social activities

Social activities will include a welcome reception and a gala dinner. Other social activities for participants and their accompanying persons will be available to enjoy the beauty of Gran Canaria Island. More detailed information will be soon posted on the website.

Committees and Contact Information

The Host Institution is the National Fusion Laboratory of CIEMAT (Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas), Spain. The organizing committee is also integrated by the CDTI (Centro para el Desarrollo Tecnológico e Industrial).

General Chair
Dr. David Rapisarda

Scientific Secretary
Dr. Iván Fernández-Berceruelo

Local Organizing Committee (LOC)

LOC Chair
Dr. Cristina de la Morena
LOC Co-Chair
Dr. David Jiménez

Ana Belén del Cerro
Dr. Belit Garcinuño
Dr. Raquel Román
Mª Isabel Ortiz

@isfnt_15   @isfnt_15   @isfnt15