



ICFRM 21

# 21<sup>st</sup> International Conference on Fusion Reactor Materials

OCT 22 - 27, 2023 GRANADA

SECOND ANNOUNCEMENT

<http://www.icfrm-21.com>



ICFRM is the major international conference and the leading platform for experts studying, developing and characterizing materials for fusion energy technologies. This biennial conference focuses on structural, functional, plasma facing and high heat flux materials including irradiation effects, materials engineering and technologies, and cutting-edge research. The ICFRM-21 will include plenary lectures, invited and contributed oral presentations, as well as poster sessions and tutorials. This event is organized by the Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas (CIEMAT), the IFMIF-DONES Consortium, the University of Granada and the University of Alicante (UA), in collaboration with other Spanish institutions. As hosts, we are looking forward to welcoming you in Granada, Spain, while encouraging interesting and inspiring discussions, interactions and science.

## Abstracts

All abstracts must be submitted through the website. <https://www.icfrm-21.com/abstract-submission/>  
Please follow the instructions.

Abstracts must be written in English and must not exceed 250 words. Acceptance of an abstract for presentation will be based on a rigorous review. Abstracts that fall outside the scope of the Conference, or describe previously reported results, or do not demonstrate a high standard will be rejected. Submissions by graduate students describing their work are encouraged.

The conference schedule includes Keynotes (40 min) contributions that will open the daily programme, followed by Plenary and Contributed presentations as well as a Poster session. Invited presentations might be selected from the best abstracts.

## Proceedings

Authors are encouraged to submit full-length papers to either the *Journal of Nuclear Materials* or *Nuclear Materials and Energy*, which will be published as special issues after peer review.

## Important Dates

### Call for Abstracts

Abstract submission deadline

[Early registration starts](#)

Notification of abstract acceptance

[Early Registration deadline](#)

Conference starts. Welcome reception

Manuscript due date

**October 17, 2022**

January 30, 2023

**March 15, 2023**

May 17, 2023

**September 11, 2023**

October 22, 2023

October 27, 2023

## Conference Venue

Conference will be held at the Granada Convention Center. Granada Congress Center offers modern facilities in the very heart of the city of Granada.

Address: Paseo del Violón, s/n

<https://www.pcgr.org/en/>



## Sponsors & Exhibitors

Companies and Institutions are invited to take the opportunity to showcase their products and projects through the Sponsors & Exhibitors. Please check:

<https://www.icfrm-21.com/patrocinadores/>





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## Topics of ICFRM-21

- Development and qualification of structural materials for DEMO and beyond.
- Materials for high heat flux plasma facing components: divertor, limiter, first wall.
- Development and characterization of functional materials applied in blankets and other neutron-irradiation affected systems.
- Fusion-specific applications of materials, including environmental effects.
- Materials engineering and application including joining of (similar or dissimilar) materials.
- Qualification of irradiation effects in neutron sources, accelerators, and other test systems including advanced characterization methods.
- Materials-design interface and interactions codes, standards, and standardization (SSTT).
- Fundamental studies of radiation effects: modeling and experimental validation.
- Cross-cutting issues and synergism with materials applications in other large-scale projects or highly loaded systems.

## Social activities

Social activities will include a welcoming reception and banquet, as well as a private night tour of the Alhambra Palace (UNESCO World Heritage Site). The monument will be open exclusively for the ICFRM-21 attendees.

Other social activities for participants and their guests to enjoy the beauty of the city of Granada will be available and posted on the website  
<https://www.icfrm-21.com/social-programme-2/>

## Conference Organization

### General Chair

María José Caturla (*Universidad de Alicante*)  
Ángel Ibarra (*CIEMAT & IFMIF-DONES España*)

### Local Organizing Committee (LOC)

María González (*CIEMAT*)  
Ruth Maldonado (*Universidad de Granada*)

### Technical Program Committee (TPC)

Raquel González Arrabal (*UPM*)  
Alejandro Moroño (*CIEMAT*)

### Publications Committee (PC)

Teresa Hernández (*CIEMAT*)  
Carmen García-Rosales (*CEIT*)

### Publicity and Fund Raising Committee

José Aguilar (*Universidad de Granada*);  
Juan Carlos Sanz (*CIEMAT*)

### Satellite Meeting Coordinator

Rafael Vila (*CIEMAT*)

### International Advisory Committee (IAC)

Chair: Eberhard Diegele (*former EUROfusion*)

## Visa and Passport Requirements

International visitors of certain countries might require a Schengen visa. Check here for further information. Ask for an invitation letter if needed at the ICFRM contact email below.

Please also check COVID national restrictions that might apply at the time of travel.

Contact email: [info@icfrm-21.com](mailto:info@icfrm-21.com)

