



Third Technical Meeting on Long-Pulse Operation of Fusion Devices

Hefei, China

20–23 October 2026

Ref. No.: EVT2504022

Information Sheet

Introduction

Controlling fusion plasmas over long durations — while gaining experience with steady-state or long-pulse operation supported by active cooling systems that keep plasma facing components at stable temperatures — is essential for the success of ITER and future fusion facilities.

To support coordination on these challenges, the International Atomic Energy Agency (IAEA) and the International Energy Agency (IEA) established in 2020 the network for Coordination on International Challenges on Long-duration OPeration (CICLOP). The objectives of the CICLOP group are to promote collaborative activities and to collect and disseminate information on the physics and engineering aspects of long-pulse operation in tokamak and stellarator facilities. This includes sharing best practices, operational procedures, experimental data, and simulation programmes, as well as coordinating experiments among the fusion-related IEA Technology Collaboration Programmes in close cooperation with the IAEA's activities in this field. These efforts are advanced through a series of IAEA Technical Meetings on Long-Pulse Operation of Fusion Devices.

Objectives

The event aims to review and address the scientific and engineering challenges of steady-state and long-pulse operation, both of which are essential for ITER and future fusion facilities.

Target Audience

The event aims to bring together junior and senior fusion scientists, plasma physicists — including theorists, modellers and experimentalists — and engineers to address the physics and engineering challenges of long-pulse operation in tokamak and stellarator facilities.

Working Language(s)

The working language of the event will be English. All communication and papers must be sent to the IAEA in English. No simultaneous interpretation will be provided.

Structure and Topics

The programme will include sessions featuring invited and contributed talks, as well as poster presentations. A Programme Committee with broad international representation will be responsible for selecting oral and poster contributions, organizing the technical and discussion sessions, and ensuring the overall scientific quality of the event.

The technical and discussion sessions will be focusing on the following topics:

- **Long-Pulse and Steady-State Operation and Control**
- **Plasma Wall Interactions, Exhaust and Control**
- **Long-Pulse Heating and Current Drive Systems**
- **Superconducting Magnet Technology and Operation**
- **Extrapolation to Next Generation Devices: Pathways, RAMI, and Nuclear Technologies for Long-Pulse Operation**

Participation and Registration

All persons wishing to participate in the event have to be designated by an IAEA Member State or should be members of organizations that have been invited to attend.

In order to be designated by an IAEA Member State or invited organization, participants are requested to submit their application via the InTouch+ platform (<https://intouchplus.iaea.org>) to the competent national authority (Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA by **17 July 2026**, following the registration procedure in InTouch+:

1. Access the InTouch+ platform (<https://intouchplus.iaea.org>):

- Persons with an existing NUCLEUS account can sign in to the platform with their username and password;
- Persons without an existing NUCLEUS account can register [here](#).

2. Once signed in, prospective participants can use the InTouch+ platform to:

- Complete or update their personal details under ‘Complete Profile’ and upload the relevant supporting documents;
- Search for the relevant event under the ‘My Eligible Events’ tab;
- Select the Member State or invited organization they want to represent from the drop-down menu entitled ‘Designating Authority’ (if an invited organization is not listed, please contact InTouchPlus.Contact-Point@iaea.org);
- If applicable, indicate whether financial support is requested and complete the relevant information (this is not applicable to participants from invited organizations);
- Based on the data input, the InTouch+ platform will automatically generate the Participation Form (Form A) and/or the Grant Application Form (Form C);
- Submit their application.

Once submitted through the InTouch+ platform, the application, together with the auto-generated form(s), will be transmitted automatically to the required authority for approval. If approved, the application, together with the applicable form(s), will automatically be sent to the IAEA through the online platform.

NOTE: The application for financial support should be made, together with the submission of the application, by **17 July 2026**.

For additional information on how to apply for an event, please refer to the [InTouch+ Help](#) page. Any other issues or queries related to InTouch+ can be sent to InTouchPlus.Contact-Point@iaea.org.

Selected participants will be informed in due course on the procedures to be followed with regard to administrative and financial matters.

Participants are hereby informed that the personal data they submit will be processed in line with the [Agency’s Personal Data and Privacy Policy](#) and is collected solely for the purpose(s) of reviewing and

assessing the application and to complete logistical arrangements where required. The IAEA may also use the contact details of Applicants to inform them of the IAEA's scientific and technical publications, or the latest employment opportunities and current open vacancies at the IAEA. These secondary purposes are consistent with the IAEA's mandate. Further information can be found in the [Data Processing Notice](#) concerning IAEA InTouch+ platform.

Papers and Presentations

The IAEA encourages participants to give presentations on the work of their respective institutions that falls under the topics listed above.

Participants who wish to give presentations (oral and poster) are requested to submit an abstract of their work thorough IAEA-INDICO by **30 June 2026**. The abstract will be reviewed as part of the selection process for presentations. The abstract should be in A4 page format, should extend to no more than 1 page (including figures and tables) and should not exceed 500 words.

Submissions must contain the author's name, email address, country, organization and topic. Authors are encouraged to flag their proposals as an oral or poster presentation. However, the Programme Committee will evaluate all submissions and decide on the final presentation format.

Authors will be notified of the acceptance of their proposed presentations by **31 July 2026**.

An electronic copy of the proceedings, consisting of abstracts, presentation slides and posters will be made available to all participants on the IAEA Fusion Portal.

In addition to the registration already submitted through the InTouch+ platform, participants have to submit the abstract to the competent national authority (e.g. Ministry of Foreign Affairs, Permanent Mission to the IAEA or National Atomic Energy Authority) or organization for onward transmission to the IAEA not later than **30 June 2026**.

Expenditures and Grants

No registration fee is charged to participants.

The IAEA is generally not in a position to bear the travel and other costs of participants in the event. The IAEA has, however, limited funds at its disposal to help meet the cost of attendance of certain participants. Upon specific request, such assistance may be offered to normally one participant per country, provided that, in the IAEA's view, the participant will make an important contribution to the event.

The application for financial support should be made, together with the submission of the application, by **17 July 2026**.

Venue

The event will be held in Hefei, China, at the CRAFT campus. Participants must make their own travel and accommodation arrangements. For more information, please visit the meeting web page.

Visas

Participants who require a visa to enter China should submit the necessary application as soon as possible to the nearest diplomatic or consular representative of China.

Key Deadlines and Dates

30 June 2026	Deadline for submission of abstracts through IAEA-INDICO for contributed talks
17 July 2026	Deadline for submission of registration via the InTouch+ platform
31 July 2026	Notification of acceptance of abstracts and of assigned awards
20 October 2026	Event begins
23 October 2026	Event ends

Programme Committee

The Programme Committee is composed of the following members:

Mr Xavier Litaudon (Chair)	France
Mr Marcin Jakubowski (Co-chair)	German
Mr Tomohiro Morisaki (Co-chair)	Japan
Mr Sebastijan Brezinsek	Germany
Mr Jerome Bucalossi	France
Mr Stefano Coda	Switzerland
Mr Raju Daniel	India
Peter De Vries	ITER Organization

Mr Kazuaki Hanada	Japan
Ms Juan Huang	China
Mr Nobuhiko Hayashi	Japan
Mr Hyun Seok Kim	Republic of Korea
Mr Boris Kuteev	Russian Federation
Mr Joerg Stober	Germany
Mr Didier Van Houtte	France

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Subsequent correspondence on scientific matters should be sent to the Scientific Secretary/Secretaries and correspondence on other matters related to the event to the Administrative Secretary.

Host Organization Contact Point

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CHINA

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Event Web Page

Please visit the following IAEA web page regularly for new information regarding this event:

<https://conferences.iaea.org/event/452/>