Key Deadlines

14 February–13 March 2016
Electronic submission of abstracts and two page synopses (IAEA-INDICO open)

1 April 2016
Submission of Forms A, B and C to the IAEA through official channels

22 August–25 September 2016
Submission of full manuscripts (IAEA-INDICO open)

21 September 2016
Submission of post-deadline papers (two page synopses)

17 October 2016
Conference commences

17 October 2016
Evaluation of post-deadline papers

22 October 2016
Conference ends

March 2017 (approximately)
Conference proceedings on web site

Beginning of On-site Registration

Sunday, 16 October 2016

Conference Secretariat

Scientific Issues

Submission of two page synopses, abstracts and full manuscripts, conference programme.
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IAEA FEC 2016
26th IAEA Fusion Energy Conference

26TH IAEA FUSION ENERGY CONFERENCE

17–22 October 2016
Kyoto, Japan

Organized by the
IAEA International Atomic Energy Agency

Hosted by the Government of Japan
MEXT through the Ministry of Education, Culture, Sports, Science and Technology (MEXT)
NIFS and the National Institute for Fusion Science (NIFS)

Background

The International Atomic Energy Agency (IAEA) fosters the exchange of scientific and technical results in nuclear fusion research through its series of Fusion Energy Conferences. The 26th IAEA Fusion Energy Conference (FEC 2016) aims to provide a forum for the discussion of key physics and technology issues as well as innovative concepts of direct relevance to fusion as a source of nuclear energy.

Objective

With a number of next-step fusion devices currently being implemented — such as the International Thermonuclear Experimental Reactor (ITER) in Cadarache, France, and the National Ignition Facility (NIF) in Livermore, United States of America, the worldwide fusion programme has begun a transition from a fusion science activity to one aimed at producing fusion energy on an industrial, power plant scale.

The scientific scope of FEC 2016 is intended to reflect the priorities of this new era in fusion energy research and development. The conference aims to serve as a platform for sharing the results from both national and international fusion research and development initiatives that have been shaped by these new priorities, and to thereby help in pinpointing worldwide advances in fusion theory, experiments, technology, engineering, safety and socio-economics. Furthermore, the conference will also set these results against the backdrop of the requirements for a net energy producing fusion device and a fusion power plant in general, and will thus help in defining the way forward.

With the participation of international organizations such as the ITER Organization and the European Atomic Energy Community (Euratom), as well as the collaboration of more than forty countries and several research institutes, including those working on smaller plasma devices, it is expected that this conference will, as in the past, serve to identify possibilities and means for continuous and effective international collaboration in this area.

Programme Structure

The overall conference programme will consist of an opening session, selected overview sessions, technical sessions with invited and contributed papers, daily poster sessions and a closing session. The Nuclear Fusion Prize will be awarded during the conference.

Topics

OV	Overviews
EX	Magnetic Confinement Experiments (for the subtopics, see Annex A)
TH	Magnetic Confinement Theory and Modelling (for the subtopics, see Annex A)
PPC	Plasma Overall Performance and Control
IFE	Inertial Fusion Experiments and Theory
ICC	Innovative Confinement Concepts
FIP	Fusion Engineering, Integration and Power Plant Design
FNS	Fusion Nuclear Physics and Technology
MPT	Materials Physics and Technology
SEE	Safety, Environmental and Economic Aspects of Fusion

Target Audience

The conference aims to bring together senior scientific fusion project leaders; plasma physicists including theoreticians and experimentalists; experts in the various multidisciplinary fields of fusion science and technology; materials engineers; and operators of fusion devices.

Side Events

Exhibitions on fusion technology and satellite meetings are expected to take place during the conference.

Working Language

English

Registration Fee

No registration fee is charged to participants.

Conference Announcement and Call for Papers

The full conference announcement and call for papers is available on the IAEA conference web site:
http://www-pub.iaea.org/iaeameetings/48315/26-th-IAEA-Fusion-Energy-Conference

Electronic Submission of Abstracts and Two Page Synopses (IAEA-INDICO)

https://conferences.iaea.org/indico/