

Final Announcement

First Joint ITER-IAEA Technical Meeting on

Analysis of ITER Materials and Technologies

In conjunction with the
Monaco International Fusion Energy Days

23 – 25 November 2010
Principality of Monaco

[Form A \(pdf, word\)](#)

[Form B \(pdf, word\)](#)

[Form C \(pdf, word\)](#)

The ITER International Organization and the International Atomic Energy Agency (IAEA) will jointly organize the First ITER-IAEA Technical Meeting on **Analysis of ITER Materials and Technologies** at the Principality of Monaco from 23 to 25 November 2010.

OBJECTIVES

The ITER project aims to demonstrate the scientific and technological feasibility of controlled energy production through thermonuclear fusion. The International Atomic Energy Agency (IAEA) plays a pro-active role in catalyzing innovation and enhancing the worldwide commitment to fusion. The meeting should contribute to the development of a knowledge base of properties, processes and technologies relevant to ITER structural and plasma-facing materials/components and energetic particles and radiation effects on ITER materials.

TOPICS

The meeting is devoted to ITER materials and technologies. Topics of discussion include:

- Fabrication technologies of ITER structural and plasma facing materials/components
- Irradiation effects on ITER structural and plasma facing materials
- Plasma-material interactions in ITER conditions

- Synergistic effects of plasma-material interactions and irradiation in ITER and Modelling of structural and plasma facing/materials components behaviour in ITER conditions
- Simulation experiments of structural and plasma facing/materials components behaviour in ITER conditions
- Development of new fabrication technologies or materials for ITER
- Databases of material properties for ITER

MEETING FORMAT

The meeting will have a limited number of plenary invited talks in conjunction with the Monaco International Fusion Energy Days. Further the meeting will have invited and contributed oral papers presented in sessions devoted to special topics, and contributed poster sessions. It is expected that invited talks, will be 40 minutes plus 10 minutes discussion and contributed talks will be 20 minutes with 5 minutes for discussion. An electronic projector connected to a computer capable of reading CDs and memory sticks will be available for the presentations (PDF or Power Point; PDF is recommended). The poster boards will have space for a A0-size poster in portrait mode.

The official language of the meeting is English and no interpretation will be provided. The meeting is expected to start at 14:00 on 23rd November 2010, in conjunction with the Monaco International Fusion Energy Days, and end by 18:00 on 25th November 2010. Poster presentations on ITER Materials and Technologies will take place on the 24th of November (pm), with Invited and Oral presentations on the 25th of November (am & pm) followed by the summary session.

The summary session will provide the possibility to review the progress reported at the meeting and recommend directions for future research. A summary report of the meeting will be prepared by the Chair of the International Advisory Committee for submission to the “Nuclear Fusion” journal.

ABSTRACTS

Anyone wishing to present a paper during this meeting must submit an abstract to the scientific secretaries. The abstract can be text only or contain figures and graphics but

it must be only one page long. Regular abstract submission will be **open from 01 August to 10 September 2010**. The abstracts will be selected and classified by the International Advisory Committee.

Authors will be informed of the acceptance of their contributions by email **by 30 September 2010**.

A Book of Abstracts will be compiled for distribution during the meeting.

Late abstracts may be submitted until **5 November 2010 for poster contributions only**. They will be reviewed on a rolling basis and only so long as space permits. Contributors are urged to adhere to the regular submission deadline.

PAPERS

All contributors (oral and poster) are requested to prepare a manuscript for inclusion in the meeting proceedings published by the IAEA (it will be available on the web and will include presentations as well).

AUTHORS INSTRUCTIONS

The abstract shall be prepared according to the following instructions:

- 1) Page size: A4 (297mm by 210 mm) – vertical orientation
- 2) Margins 25mm all around
- 3) Layout:

Title: single-spaced, centred, 14-point size, Times New Roman Font (TNR), **bold**

Authors: single-spaced, centred, 12-point size, TNR Font

Affiliation: single-spaced, centred, 12-point size, TNR Font, *italic*

Text: single-spaced, 12-point size, TNR Font

Length: one page

Acceptable file formats for the abstract are Microsoft Word (preferred) or PDF.

The paper shall be prepared according to the following instructions:

- 1) Page size: A4 (297mm by 210 mm) – vertical orientation
- 2) Margins 25mm all around
- 3) Layout:

Title: single-spaced, centred, 14-point size, Times New Roman Font (TNR), **bold**

Authors: single-spaced, centred, 12-point size, TNR Font

Affiliation: single-spaced, centred, 12-point size, TNR Font, *italic*

Text: single-spaced, 12-point size, TNR Font

Length: six pages

PARTICIPATION

About 120 persons from the ITER International Organisation, the ITER parties, the IAEA Member States and International Organizations are expected to attend.

Participants should be persons actively involved in the relevant topics of the meeting.

In order to participate in the meeting, the following major steps must be completed:

1) Submission of an abstract

A one page abstract must be submitted as an email attachment **between 01 August and 10 September 2010**. **The abstract submission email must contain the authors' names, affiliation and email address**. The filename should be in the following format: "lastname.i.n.i.t.i.a.l.s.-topic.filetype". The abstract should be submitted by email to Physics@iaea.org.

Authors must make sure that the files do not include copyrighted fonts or other impediments for reproduction.

2) Submission of IAEA participation and copyright forms

Meeting participants will be accepted only if the respective **Participation Form A** are transmitted to the IAEA through the appropriate Governmental representative authority (Ministry of Foreign Affairs, National Atomic Energy Authority).

Participants must also send a completed and duly signed form for submission of a paper (**Form B**) (PDF, Microsoft Word) with the abstract of their presentation to the IAEA.

EXPENDITURES AND FINANCIAL SUPPORT

The costs for the organization of the meeting are borne by the Principality of Monaco, the ITER organization, and the IAEA. No registration fee will be charged.

Participants are responsible for their own travel and living expenses. However, the IAEA has some funds to help meet the cost of attendance and participation of a few selected specialists mainly from developing countries with low economic resources. Generally, not more than one grant will be awarded to any one country. These grants will be in the form of a lump sum usually covering part of the cost of attendance.

Governments wishing to apply for a grant on behalf of one of their specialists should address the IAEA Scientific Secretaries at the International Atomic Energy Agency to this effect.

Governments should ensure that applications for grants:

- a) are received by the IAEA together with the abstract by 10 September 2010;
- b) are accompanied by a duly completed and signed Author Form B and Grant Form C including the abstract of the paper to be presented;
- c) include an estimate from an official travel Agency for the travel costs.

Applications that do not comply with the conditions mentioned above will not be considered.

Awards will be announced by **30 September 2010**.

SCIENTIFIC SECRETARIES:

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VISA

Participants who require a visa to enter Monaco should submit the necessary application to the nearest diplomatic or consular representative of Monaco as soon as possible. A letter of invitation, if needed, can be requested from the Secretariat in the

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DEADLINES

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| 10 September 2010 | Submission by email of abstracts according to the instructions above |
| 10 September 2010 | Request to the IAEA for financial support |
| 30 September 2010 | Participants will be informed about the acceptance of their papers |
| 30 September 2010 | Grant awards |
| 5 November 2010 | Late abstract deadline (poster contributions only) |
| 23 November 2010 | Meeting begins – please bring an electronic copy (word or pdf file) of your manuscript paper to be collected by the IAEA Scientific Secretary. |

LOCAL ORGANISERS

TBD