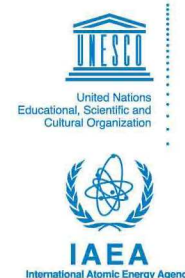




The Abdus Salam
International Centre for Theoretical Physics



Joint ITER-IAEA-ICTP Advanced Workshop on "Fusion and Plasma Physics"

October 3 - 14, 2011
Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP, Trieste, Italy) in co-operation with the International Atomic Energy Agency (IAEA, Vienna, Austria) and the ITER International Organization (Cadarache, France) is organizing the **Advanced Workshop on "Fusion and Plasma Physics"**, to take place from October 3 to 14, 2011.

The objectives of this advanced workshop are to provide an insight into key frontier areas of active scientific research and technological development pertaining to magnetic confinement fusion. The international perspective provided in this advanced workshop is expected to be beneficial to participants from developing countries as well as for their national programmes.

Topics will include:

- Burning plasma physics;
- Plasma instabilities
- Plasma heating and current drive
- Transport processes in fusion plasmas
- Fusion engineering
- Plasma-surface interactions
- Radiation effects on material
- Fusion plasma diagnostics

Hands-on experience utilizing the existing dense plasma focus is intended.

The Workshop will consist in a series of **keynote presentations** by leading specialists on topics relevant to Plasma Physics and Fusion. Increased capacity-building is essential to gain access to world-class facilities as the ITER and other main tokamaks, and also increase awareness of basic plasma physics by experiments at smaller fusion devices or dense plasma focus.

PARTICIPATION

Scientists and students from all countries which are members of the United Nations, UNESCO or IAEA may attend the Workshop. Since it will be conducted in English, participants should have an adequate working knowledge of this language. As a rule, travel and subsistence expenses of the participants should be borne by the home institution. However, limited funds are available for some participants who are working in the region and not more than 45 years of age. **Registration is free-of-charge for all attendees.**

APPLICATION:

The "On-line Application" form can be accessed at the:

ICTP activity website: <http://agenda.ictp.it/smr.php?2267>

inclusive of a **step-by-step instruction guide**.

ACTIVITY SECRETARIAT

Ms. Lisa Iannitti (smr2267)

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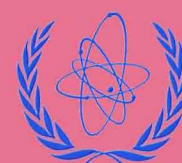
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April 2011



in collaboration with



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International Atomic Energy Agency

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Application Deadline:

June 15, 2011

ICTP Home page: <http://www.ictp.it/>

IAEA Home Page: <http://www.iaea.org/>

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