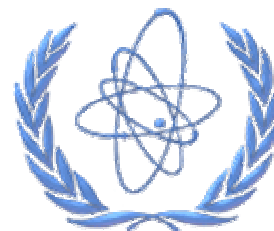


*9th IAEA Technical Meeting on
“Energetic Particles in Magnetic Confinement
Systems”*

9 to 11 November 2005.
*Hida Earth Wisdom Center
Takayama, Japan*



IAEA
International Atomic Energy Agency
www.iaea.org

INTRODUCTION

Following recommendation from the International Fusion Research Council, the IAEA will continue to organize a series of Technical Meetings (TM's) on the subject of energetic particles in magnetic confinement systems.

OBJECTIVES

The purpose of the meeting is to discuss the status of experimental and theoretical works on suprathermal electrons and ions in a wide variety of magnetic confinement geometries. Topics include the formation and transport of energetic particles, the collective instabilities they drive, their effects on the plasma, and energetic particle diagnostics.

TOPICS

- (A) Alpha particles physics,
- (B) Transport of energetic particles,
- (C) Effects of energetic particles in magnetic confinement fusion devices,
- (D) Collective phenomena: Alfvén eigenmodes, energetic particle modes and others
- (E) Runaway electrons and disruptions,
- (F) Diagnostics for energetic particles.

MEETING FORMAT

The meeting will consist of invited and contributed oral presentations, poster session, and a summary session. Authors of invited talks and qualified oral presentations are encouraged to submit a manuscript to be published as a cluster of papers together with the conference summary in *Nuclear Fusion*. Instructions will be provided at this web page. All other oral contributors that will not submit to *Nuclear Fusion*, as well as poster contributors, are asked to submit manuscripts up to 5 pages to be published on a IAEA CD-ROM as Working Material (no review).

The invited talks and oral presentations are selected among accepted abstracts by the International Advisory Committee. It is expected that invited talk will be 40 (35+5) or 30 (25+5) minutes including discussion, and contributed session talks will be 20 (17+3) minutes including discussion. Poster sessions shall be used for longer discussions. An overhead projector for transparencies and an electronic projector with a computer capable of reading CD's and memory sticks will be available (Power Point or pdf recommended).

The official language of the meeting is English (no interpretation will be provided). It is expected that the meeting will start at **09:00 on 9 November 2005 and end by 16:00 on 11 November 2005**. A short summary of the meeting, including recommendations, will be presented and approved during the Summary session (last session).

PARTICIPATION

About 70 persons from IAEA Member States or international organizations are expected to attend. Participants should be persons actively involved in the topics of the meeting.

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

(1) ABSTRACT SUBMISSION

A one page abstract must be submitted **by 31 July 2005**. The abstract may be text only or contain figures and graphics, but must be only one page. The abstract must contain the authors' names, affiliation and email address. Acceptable file formats are Microsoft Word (preferred) or PDF. The filename should be in the following format: "lastname.i.n.i.t.i.a.l.s.-topic.filetype", for example, Spitzer.I.N.-D.doc or Spitzer.I.N.-D.pdf.

Please submit the abstract by email to IAEATM-EP2005@nifs.ac.jp

Or to,

FAX: +81-572-58-2624

Post address: Prof. K.Toi, National Institute for Fusion Science, 322-6 Oroshi-cho, Toki-shi 509-5292, Japan.

Contributors of material to be included in Agency publications are required to assign all copyrights or rights to publish to the Agency. Please complete and sign [Form B](#) and send it to the IAEA Scientific Secretary (please see address at the end of this announcement).

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

The abstracts will be selected and classified by the International Advisory Committee.

Authors will be informed the acceptance of their contributions by email, by **10 September 2005**.

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, 14-point size, Times New Roman Font, **bold**

Authors: single-spaced, 12-point size, Times New Roman Font

Affiliation: single-spaced, 12-point size, Times New Roman Font, *italic*

Text: 1.5 spaced, 12-point size, Times New Roman Font

Length: one page

A Book of Abstracts will be compiled for free distribution at the meeting to every participant.

(2) IAEA PARTICIPATION (Form A submission)

A participant will be accepted only if the Participation [Form A](#) is transmitted to the IAEA through the appropriate Governmental representative authority (Ministry of Foreign Affairs, National Atomic Energy Authority). In the case the participant intends to give a contribution the abstract should be attached.

(3) EXPENDITURES AND FINANCIAL SUPPORT

No registration fee will be charged by the IAEA for participants to participate in the meeting.

As a general rule, the IAEA does not pay the costs for attendance to the meeting (i.e. travel and living expenses) of participants. However, limited funds are available 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 developing country. The grants awarded will be in the form of lump sums usually covering part of the cost of attendance.

If governments wish to apply for a grant on behalf of one of their specialists, they should address specific requests to the IAEA Scientific Secretary at the International Atomic Energy Agency to this effect. Governments should ensure that applications for grants:

a) are received by the IAEA before **23 September 2005**

b) are accompanied by a duly completed and signed Grant [Form C](#) and an estimate of a valid travel

agent of the flight costs from/to the duty city in their country and Takayama, Japan.

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

Awards will be announced around **25 September 2005**.

(4) VISA

Designated participants who require a visa to enter Japan should submit the necessary application to the nearest diplomatic or consular representative of Japan as soon as possible. A letter of invitation, if needed, can be requested by:

e-mail: IAEATM-EP2005@nifs.ac.jp,

FAX: +81-572-58-2624,

or,

Post:

Prof. K.Toi, National Institute for Fusion Science, 322-6 Oroshi-cho, Toki-shi 509-5292, Japan

SUBMISSION OF PROCEEDING PAPERS:

Electronic versions of papers will be collected at the meeting. For authors not submitting to Nuclear Fusion, a manuscript of about 5 pages shall be prepared for inclusion on the meeting CD-ROM published by IAEA (it will be available on the web and will include presentations as well). Authors should pass the electronic version of the manuscript and poster or presentation at the registration desk on the first day (**9 Nov. 2005**).

[Instructions and template for the manuscripts can be downloaded here](#)

SUMMARY OF TM

A summary report of the meeting will be prepared for submission to the "Nuclear Fusion" journal.

FURTHER INFORMATION

Website containing this announcement and updates of the Meeting preparations is open at <http://http.lhd.nifs.ac.jp/IAEATM-EP2005/index.html>

IMPORTANT DATES

31 July 2005 - Submission by email, fax or post of abstracts according to the instructions above for paper selection.

10 September 2005 - Participants will be informed about the acceptance of their papers

New 23 September 2005 - Submission of IAEA participation forms (Form A, Form B, and Form C)

New 25 September 2005 - Grant awards evaluation

25 September 2005 - Registration and hotel reservation.

9 November 2005 - Meeting begins,

Please bring an electronic word or pdf file of your paper to be collected at the meeting.

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