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# 10<sup>th</sup> European Fusion Theory Conference

Supported by Euratom, Helsinki University of Technology, VTT,  
Tekes and Academy of Finland

## IMPORTANT DATES

- 30 April 2003 Deadline for submission of abstracts
- 30 June 2003 Information to contributors
- 15 July 2003 Deadline for registration and hotel reservation
- 8-10 September 2003 10<sup>th</sup> EFTC

## LOCAL ORGANIZING COMMITTEE

J. Heikkinen (Chairman)  
S. Sipilä (Scientific secretary)  
S. Karttunen  
T. Kiviniemi  
T. Kurki-Suonio  
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8-10 September 2003  
Unitas Congress Centre  
Helsinki, Finland

# 10<sup>th</sup> EFTC

Cover photograph: Unitas Congress Centre, the venue of 10<sup>th</sup> EFTC, is situated east of Helsinki city centre in a beautiful location overlooking the sea.

## Announcement and Call for Abstracts

## SUBJECT MATTER

The 10<sup>th</sup> European Fusion Theory Conference is organized by Helsinki University of Technology and VTT (Technical Research Centre of Finland) under Association Euratom-Tekes. The conference will be held at Unitas Congress Centre in Helsinki. The conference will begin in the morning on 8 September 2003, and will end in the afternoon on 10 September 2003. The aim of the conference is to provide a discussion forum covering all areas of magnetic fusion-oriented theoretical activities in Europe. The following main topics are included:

1. Basic plasma theory
2. Macroinstabilities and operational limits
3. Alternative concepts: stellarators, rfp's, spherical tokamaks, etc.
4. Turbulent transport and structures: experimental evidence and theoretical basis (zonal flows, streamers, ...)
5. Neoclassical transport: theory and experimental evidence (edge and core transport barriers, ...)
6. Burning plasmas and fast particles (fusion products, runaways, ...)
7. Heating, current drive, and wave particle interactions
8. Edge and SOL/divertor physics
9. Computational modeling in plasma physics.

The conference will consist of invited lectures, oral presentations and posters. Contributions will be mainly presented as posters. The selection of the contributions and the subdivision into oral and poster presentations will be made on the basis of the submitted one-page abstracts.

## CALL FOR ABSTRACTS

Contributions to any of the given topics are welcome. Authors are invited to submit one-page abstracts, describing the most important aspects of the work to be reported. The abstracts should be typed using 12 pt Times New Roman or Computer Modern font, single-spaced on standard size paper (A4, 297×210 mm), leaving a full 2.5 cm margin on all sides. They should be suitable for direct

reproduction (no faxes please). The abstract should begin with the title (**bold**, 14 pt, centered), the authors' names (normal font, 12 pt, centered) and affiliations (*italic*, 12 pt, centered). Figure captions should be in *italic* 10 pt font. Please underline the name of the presenting author, and do not use page numbering. Colour pictures are accepted for the electronic abstract collection, but the Book of Abstracts will be printed in black and white. Please ensure the legibility of your pictures without colour. LaTeX2e and Microsoft Word (6.0/95 or newer) templates are available on the conference web page <http://www.hut.fi/Units/AES/eftc10>.

The abstracts should be submitted by e-mail to [eftc10@hut.fi](mailto:eftc10@hut.fi) as an Encapsulated Postscript (EPS) or Portable Document Format (PDF) file. Compression (".zip" or ".Z") is recommended if the file size is thereby substantially reduced. A confirmation of receipt e-mail will be sent within three days. Submissions printed on paper should be made only if severe problems arise with electronic submission. The camera-ready abstracts must be received no later than 30 April 2003. The Scientific Committee will select the contributions on the basis of the submitted abstracts. Authors will be notified about the acceptance of their contributions by the end of June.

## BOOK OF ABSTRACTS

Each participant will receive a Book of Abstracts. No conference proceedings will be published.

## ACCOMMODATION

It is expected that all participants will be accommodated at the Unitas Congress Centre in Helsinki. The conference fee of €450 (incl. tax) covers accommodation in a single room from Sunday, 7 September to Wednesday, 10 September, all meals, coffee and refreshments, conference dinner and Book of Abstracts. Twin rooms can be shared by two participants, lowering the conference fee to €390 per person (incl. tax). Twin rooms are also available for participants with an accompanying person (participant's conference fee €450, and accompanying person's accommodation with breakfast €36 per night, incl. tax). Full details on accommodation will be given on the conference web page. Payments should be made no later than 15 July 2003 to Helsinki University of Technology, 10<sup>th</sup> EFTC, VA 12420, Project 8577, Account 166030-00105075, Nordea Bank Finland plc (SWIFT code NDEAFIHH, IBAN FI9316603000105075).

## HOW TO GET TO THE CONFERENCE SITE

Unitas Congress Centre is located in Vuosaari, Helsinki, about 20 minutes away from Helsinki-Vantaa International Airport and the city centre. Detailed information will be given on the conference web page.