



**EFTC 2017**

**17th European Fusion Theory Conference**

9 - 12 October 2017, Athens - Greece

# **Second Announcement & Call for Abstracts**



**The conference is organized by**



**Organizing Secretariat**



The 17th European Fusion Theory Conference will be held in Athens, Greece, between 9 and 12 October 2017. The event is organized by the Association EURATOM - Hellenic Republic ([www.hellasfusion.gr](http://www.hellasfusion.gr)). The organizing secretariat is handled by PCO Conventions & Incentives S.A. ([www.pco-convin.gr](http://www.pco-convin.gr)).

The aim of the conference is to provide a forum of discussion for all areas of fusion-oriented theoretical activities. Information about the previous editions of the European Fusion Theory Conference can be found [here](#).

The official conference language is English.

### **Outline of the main topics included in the EFTC**

- Basic plasma theory.
- Macro-instabilities and operational limits.
- Alternative fusion concepts: stellarator, Reverse-Field Pinches, spherical tokamaks, laser-induced ignition.
- Turbulent transport and structures: theory and experimental evidence.
- Neoclassical transport: theory and experimental evidence.
- Burning plasmas and fast particles.
- Heating, current drive and wave particle interactions.
- Edge and Scrape-Off-Layer/divertor physics.
- Computational modelling in plasma physics.

### **Programme and contributions**

The conference programme will include invited lectures, oral contributions and poster presentations. The selection of the oral and poster contributions will be made by the Scientific Programme Committee, based on abstract submissions.

Authors are invited to submit one-page abstracts on any of the given topics, describing the most important aspects of the work to be reported. Submission will be done by e-mail to [eftc17@astro.auth.gr](mailto:eftc17@astro.auth.gr). Together with their abstract, the authors should fill and return (as an e-mail attachment) the abstract submission form available on the conference page. The abstract submission will open on 24 April 2017, and will close on 30 June 2017. More information and instructions for the abstract submission can be found on the website.

A confirmation of submission receipt will be replied by e-mail within two days. Notification of abstract acceptance will be given by e-mail no later than 14 July 2017. The accepted abstracts will be made available on the conference site.

The electronic files of the presentations will be published online. A special issue of the Journal of Plasma Physics ([www.cambridge.org/core/journals/journal-of-plasma-physics](http://www.cambridge.org/core/journals/journal-of-plasma-physics)) will be devoted to the presentations at the conference.

## Registration and accommodation

Registrations to the conference will be handled by PCO CONVIN S.A. The participants will be invited to fill an online form (available upon registration opening). Payments by credit card and bank transfer will be accepted. The necessary instructions may be found on the conference webpage.

The early registration fee (before 31/7) is 350 €, the late registration fee (after 31/7) is 400 €, and the fee for accompanying persons is 70 €. The registration fee includes the conference material, coffee breaks, the opening ceremony and the conference dinner. The accompanying person fee includes the opening ceremony and the conference dinner.

A number of hotel options will be proposed for the accommodation of the participants. There are hotels of various categories located in reasonable distance from the conference venue. More information will be posted on the conference website no later than the registration opening day.

## Overview of important dates in the 17th EFTC

- |   |                   |
|---|-------------------|
| • <i>Abstract submission opening</i>        | 24 April 2017     |
| • <i>Conference registration opening</i>    | 9 May 2017        |
| • <i>Abstract submission closing</i>        | 30 June 2017      |
| • <i>Acceptance notification to authors</i> | 14 July 2017      |
| • <i>Early registration closing</i>         | 31 July 2017      |
| • <i>Conference running days</i>            | 9-12 October 2017 |
| • <i>Manuscript submission period</i>       | to be announced   |

## Conference venue

*The Ionic Centre* - 11 Lysiou Street, 10556 Athens, Greece



The venue is located in the district of Plaka (old city of Athens) at a walking distance from Syntagma Square (Athens central hub of transport services).

### **How to get to the conference venue:**

- From the airport you can take the metro (line 3) to Syntagma Square. It runs every 30 min and takes approximately 40 min. The ticket costs 10 € and can be purchased at vending machines or ticket offices in the airport.
- You can take the bus (X95) to Syntagma Square. It runs every 20 min and takes approximately 50 min. The ticket costs 6 € and can be purchased at ticket offices in the airport or from the bus driver.
- You can take a taxi from the airport to Syntagma Square or the Ionic Centre. The route takes approximately 45 min and costs around 40 €.

### **Scientific Programme Committee**

Daniela Grasso, *chair* (Polytechnico di Torino, Italy)

Clemente Angioni (Max Planck Institut für Plasmaphysik, Germany)

Ivan Calvo (CIEMAT Madrid, Spain)

Alessandro Cardinali (ENEA Centro Ricerche Frascati, Italy)

Tünde Fülöp (Chalmers University of Technology, Sweden)

Dick Hogeweij (Dutch Institute of Fundamental Energy Research, Netherlands)

Nuno Loureiro (Massachusetts Institute of Technology, United States)

Ben McMillan (University of Warwick, United Kingdom)

Florin Spineanu (Institute for Laser Plasma and Radiation Physics, Romania)

Michele Romanelli (Culham Centre for Fusion Energy, United Kingdom)

Yanick Sarazin (Institut de Recherche sur la Fusion Magnétique, France)

Christos Tsironis (National Technical University of Athens, Greece)

### **Local Organizing Committee**

Christos Tsironis, *chair* (Association EURATOM - Hellenic Republic)

Alkis Polyrakis, *administrator* (PCO Conventions & Incentives S.A., Greece)

Erica Gkouva, *secretariat* (PCO Conventions & Incentives S.A., Greece)

Maria Angeli (Association EURATOM - Hellenic Republic)

Pavlos Kazantzidis (Association EURATOM - Hellenic Republic)

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### **Conference website**

<http://www.astro.auth.gr/~eftc17>