

## Second Announcement

# **The 27th International Toki Conference on Plasma and Fusion Research & The 13th Asia Pacific Plasma Theory Conference (ITC27 & APPTC2018)**

November 19-22, 2018

Ceratotopia Toki, Toki-city, Gifu, Japan

*The abstract submission is now open at the following conference website:  
<http://itc.nifs.ac.jp/>*

### **Scope**

The International Toki Conference is a topical meeting dedicated to a specific subject related to plasma and fusion science. The series began in 1989 with the founding of the National Institute for Fusion Science and has been held on an annual basis ever since. The Asia Pacific Plasma Theory Conference (APPTC) is a meeting to cover broader topics in plasma sciences, including theory and simulations for magnetic fusion plasmas, space plasmas, laser-plasma interactions, low-temperature plasmas, and basic plasma phenomena. The series began in 1996 and has provided a forum for the exposition and exchange of the latest research and developments in plasma science in the Asia-Pacific region.

In this era, cooperation among experiments, theory, and simulations has become more important. Technological development, built on fundamental research topics, will be further applied to applied plasma research and large-scale plasma science such as research regarding the fusion reactor. With this as background, we are planning the joint conference of the 27th ITC and the 13th APPTC in order to explore new aspects and to promote the cross-fertilization of diverse fields of science through advances in basic plasma and fusion science.

## **Topics to be covered**

- (1) Magnetically-Confined Plasmas
- (2) Inertially-Confined Plasmas
- (3) Fusion Engineering and Reactor Design
- (4) Basic Plasma Research and Plasma Application
- (5) Imaging Science and Simulation Technique
- (6) Space and Astrophysical Plasmas

## **Plenary speakers**

Prof. Choong-Seock Chang (Princeton Plasma Physics Laboratory, Princeton University)

Prof. Shinsuke Fujioka (ILE, Osaka University)

Prof. Hideo Sugama (National Institute for Fusion Science)

(To be added)

## **Meeting format**

The meeting will consist of plenary, invited, and contributed oral presentations, and poster sessions. The abstracts will be selected by the International Program Committee as either oral or poster presentations. The official language of the meeting is English.

## **Date and location**

ITC27 & APPTC2018 will be held at Ceratopia Toki (4 Takayama, Tokitsu-cho, Toki-city, Gifu 509-5121, Japan) from November 19, 2018 through November 22, 2018. Participants and their companions are welcomed to the conference banquet which will be held at Ceratopia Toki (conference site) on November 21, 2018.

## **Abstract submission**

Authors are invited to submit one-page abstracts of their contributed papers online before August 1, 2018. Detailed instructions regarding abstract submission are described on the conference website ( <http://itc.nifs.ac.jp/> ).

\*Note:

- The submitter of the abstract must be the same person as the first author of the abstract and the presenter at the conference.
- Each participant may make only one presentation.

## **Registration**

The registration fee is 20,000 JPY (15,000 JPY for students). The registration fee covers:

- Access to all sessions of the scientific program
- Conference materials
- Conference banquet and coffee break refreshments

The banquet fee is charged as part of the registration fee regardless of attendance. The banquet fee for an accompanying person is 5,000 JPY. Payment will be made through PayPal. For your registration and payment, please click the "Registration" link on the conference web site. If you need to make a change in your registration or payment, please contact us ([itc27@nifs.ac.jp](mailto:itc27@nifs.ac.jp)).

## **Publication**

Original or review articles related to the conference topics are encouraged to be submitted to *Plasma and Fusion Research* (<http://www.jspf.or.jp/PFR/>), which is an **Open-Access** journal published by the Japan Society of Plasma Science and Nuclear Fusion Research. Each submitted paper will be put through a peer-review process, and those accepted will be published as regular articles in the journal.

\*Note:

- The first author of the publication paper is expected to be the same as the first author on the presentation at the conference.
- The submission fee and the reprint fee are NOT included in the registration fee.
- Please submit the article through the conference web site.

## **Important dates**

Start of online abstract submission: June, 2018

Deadline for abstract submission: August 1, 2018

Deadline for request of official documents required for visa: August 9, 2018

Notification of abstract acceptance: September, 2018

Deadline for online registration: October 31, 2018

**Conference: November 19-22, 2018**

Deadline for paper submission: December 28, 2018

## **Access**

The conference site "Ceratopia Toki" is located about 0.4 km from Toki-shi station on the Japan Railway (JR) Chuo-line. From Tajimi, ride the JR Chuo-line to Toki-shi station.

## **Visas**

In the case that you will require a visa to enter Japan, send an e-mail to the Local Organizing Committee ( [itc27-visa@nifs.ac.jp](mailto:itc27-visa@nifs.ac.jp) ). Required official documents will then be provided through the Local Organizing Committee. In addition, to be provided the required official documents, you must simultaneously submit your abstract from the conference web page.

## **International Advisory Committee**

Y. Takeiri (Chair), A. Ando, K. Hanada, S. Ishiguro, T. Klinger (Germany), R. Kodama, S. Kubo, J. Li (China), T. Mito, I. Murakami, T. Muroga, T. Morisaki, K. Nagasaki, Y. Nakashima, K. Nishimura, N. Ohno, Y. Ogawa, M. Osakabe, H. Sugama, M. Tendler (Sweden), Y. Todo, K. Ushigusa, M. Wada, F.L. Waelbroeck (USA), T. Watanabe, N. Yanagi

## **International Program Committee**

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## **General Contact Address**

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