

Announcement on June 17, 2020

The 29th International Toki Conference on Plasma and Fusion Research (ITC29)

October 27-30, 2020
Ceratopia Toki, Toki City, Gifu, Japan
Connected Online for Video Conferencing
<https://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.

In recent years, several new experiments have been started and construction of new devices are going forward around the world. Cooperation among experiments, theory, and simulations has become more important. Technological development, built on fundamental research topics, will be further utilized for applied plasma research and large-scale plasma science for fusion reactors. The conference topics cover a wide range of research in various plasma and fusion science. In addition, a special session on issues in the steady state operation of magnetically confined plasma is planned to be held.

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) Fundamental Theory and Simulation Techniques
- (6) Space and Astrophysical Plasmas
- (7) Data Driven Plasma Science
- (8) Special Session on “Steady State Operation of Magnetically Confined Plasmas”

Plenary Speakers

Go Matsunaga (National Institutes for Quantum and Radiological Science and Technology)
Tomohiro Morisaki (National Institute for Fusion Science)

Meeting Format

The meeting will consist of plenary, invited, and contributed oral presentations, and poster sessions. The oral sessions will be conducted on-site with online connection for video conferencing. The poster sessions will be organized only online for video conferencing.

The abstracts will be selected by the International Program Committee as either oral or poster presentations. The official language of the meeting is English.

Please mind that the conference format might be forced to change due to the situation of the novel coronavirus (COVID-19) pandemic and the regulations for that.

Date and Location

Announcement on June 17, 2020

ITC29 will be held at Ceratopia Toki (4 Takayama, Tokitsu-cho, Toki City, Gifu 509-5121, Japan) from October 27, 2020 through October 30, 2020 under online connection for video conferencing. The conference banquet will not be held.

Online via Video Conferencing

In view of reducing the risk of COVID-19 outbreak around the world, participants who cannot come to the conference site can attend the conference online for video conferencing. The details will be provided later. We recommend that participants outside of Japan consider attending the conference online. Because we will conduct the poster sessions online, the poster presenters are strongly recommended to attend the conference online in order to avoid the crowded hall and to reduce the network load at the venue.

Abstract Submission

Authors are invited to submit one-page abstracts of their contributed papers online before July 31, 2020. Detailed instructions regarding abstract submissions will appear on the conference website (<https://itc.nifs.ac.jp/>) soon.

*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.

Paper Submission (Conference Proceedings)

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 papers that are accepted will be published as regular articles in the journal. The submission page will be opened after the conference.

*Note:

- The first author of the publication paper is expected to be the same person as the first author of 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.

Registration

The registration fee is 10,000 JPY (7,500 JPY for a student). The registration fee covers:

- Access to all sessions of the scientific program
- Conference materials
- Operation cost of the video conference system

Payment will be made through PayPal. For your registration and payment, please click the "Registration" link on the conference web site. The registration page will open soon. If you must make a change in your registration or payment, please contact us (itc29@nifs.ac.jp).

Best Student Presentation Award

This award encourages students to conduct research in the plasma and nuclear fusion fields. Applicants must submit an abstract of their presentation and must complete their registration through the website.

Announcement on June 17, 2020

Important Dates

Start of online abstract submission:	June, 2020
Deadline for abstract submission:	July 31, 2020
Deadline for request of official documents required for visa:	July 31, 2020
Start of online registration and payment:	August, 2020
Notification of abstract acceptance:	September, 2020
Deadline for online registration:	October 2, 2020
Conference:	October 27-30, 2020
Deadline for paper submission:	November 16, 2020

On-site 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 Station, ride the JR Chuo-line to Toki-shi Station.

Visas

Participants who will require a visa to enter Japan should download the visa form, fill in the form, and then send it to itc29visa@nifs.ac.jp by July 31, 2020. The Local Organizing Committee will contact the participants later.

General information of VISA to enter Japan:

https://www.mofa.go.jp/j_info/visit/visa/index.html

Attention: Due to the novel coronavirus outbreak around the world, we may not be able to manage visa application procedures. In that case, please consider attending the conference online.

International Advisory Committee

Y. Takeiri (Chair), A. Ando, A. J. H. Donné, K. Hanada, M. C. Zarnstorff, S. Ishiguro, R. Kodama, S. Kubo, T. Mito, T. Morisaki, I. Murakami, T. Muroga, K. Nagasaki, K. Nishimura, N. Ohno, M. Osakabe, M. Sakamoto, H. Sugama, M. Tandler, Y. Todo, K. Ushigusa, M. Wada, B. Wang, T.-H. Watanabe, N. Yanagi, Z. Yoshida

International Program Committee

K. Hanada (Chair), S. Kubo, K. Nagaoka, V. Antoni, C. Z. Cheng, S. Fujioka, S. Hamaguchi, S. Inagaki, K. Koga, X. Litaudon, J. Miyazawa, Y. Mori, S. Murakami, M. Nishiura, H. Nuga, K. Saito, Y. Sakawa, K. Tsumori, M. Yagi, S. Yoshimura

Local Organizing Committee

S. Kubo (Chair), T. Tsujimura (Scientific Secretary), Y. Fujiwara, Y. Hamaji, N. Hirano, H. Igami, K. Ikeda, S. Kamio, H. Kasahara, N. Kenmochi, M. Kisaki, T. Moritaka, S. Muto, K. Nagaoka, H. Nakano, M. Nishiura, H. Nuga, M. Osakabe, K. Saito, R. Seki, T. Seki, T. Shimozuma, H. Takahashi, K. Tsumori, H. Wang, R. Yanai, S. Yoshimura, Y. Yoshimura

General Contact Address

itc29@nifs.ac.jp