

FIRST ANNOUNCEMENT AND CALL FOR PAPER

**21st International Toki Conference (ITC-21) on
Integration of Fusion Science and Technology for
Steady State Operation**

November 28 - December 1, 2011
Ceratopia Toki, Toki-City, Gifu, Japan

INTRODUCTION

The International Toki Conference (ITC) is an international conference for the discussion and presentation of research activities related to nuclear fusion and plasma. It has been held annually by the National Institute for Fusion Science in Toki city since 1989.

SCOPE

Despite recent progress, steady state operation of fusion energy systems remains a major issue of research. The ITC-21 will focus on the integration of key science and technology towards high performance fusion energy systems with the capability for steady state operation. The conference topics cover a wide range of research in fusion science and near-term and long-term technology oriented to steady state operation.

LIST OF TOPICS

1. Progress in fusion plasma confinement
2. Plasma-wall interactions and divertor technology
3. Materials and blankets
4. Superconducting magnets, cryogenic systems and related technologies
5. Heating and fueling
6. Plasma diagnostics and control
7. Safety, environment and tritium control
8. Modeling and simulation for fusion plasma
9. Concepts of steady state DEMO
10. Interdisciplinary issues between fusion and other fields

PLACE

Ceratopia Toki (4 Tokitsu-Takayama, Toki 509-5121, Gifu, Japan)

CONFERENCE DATE

November 28 (Mon.) – December 1 (Thur.), 2011.

LANGUAGE

English is the working language of the conference.

ABSTRACT SUBMISSION

Abstract submission can be made **starting July 8, 2011** through the Conference web site (<http://itc.nifs.ac.jp/>). Authors are requested to submit a one-page abstract **by August 20, 2011**. Papers should contain original and previously unpublished work on the conference topics. Abstracts should be sufficiently detailed in describing the aim of the work and the obtained results. The Program Committee will select the papers on the basis of the submitted abstracts.

Authors will be notified on acceptance of abstracts and assignment of their papers into sessions **by September 10, 2011**. The accepted abstracts will be bound as a booklet and

distributed to participants at the Conference. They will be posted on the Conference web site as well.

REGISTRATION

All registrations (other than abstract submission) can be made **starting September 10, 2011** through the Conference web site.

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IMPORTANT DATES

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| Start of on-line abstract submission: | July 8, 2011 |
| Deadline for abstract submission: | August 20, 2011 |
| Notification of abstract acceptance: | September 10, 2011 |
| Deadline for registration: | October 10, 2011 |
| Deadline for paper submission: | December 1, 2011 |
| Conference: | November 28 - December 1, 2011 |