

Cover Page

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

Abstract Number:	0000
Registration Number:	0000
Paper Title:	A Sample T_EX Manuscript for 21st International Toki Conference (ITC-21)
Corresponding Author:	Firstname LASTNAME
Affiliation:	University of Plasma
Full Postal Address:	322-6 Toki, Gifu 509-5292, Japan
Telephone:	+81-572-58-0000
Fax.:	+81-572-58-0001
E-mail:	xxxxyyyzzz@u-plasma.ac.jp
Topic Category:	0
LIST OF TOPICS <ol style="list-style-type: none">1. Progress in fusion plasma confinement2. Plasma-wall interactions and divertor technology3. Materials and blankets4. Superconducting magnets, cryogenic systems and related technologies5. Heating and fueling6. Plasma diagnostics and control7. Safety, environment and tritium control8. Modeling and simulation for fusion plasma9. Concepts of steady state DEMO10. Interdisciplinary issues between fusion and other fields	

A Sample T_EX Manuscript for 21st International Toki Conference (ITC-21)

Firstname LASTNAME, Firstname M. LASTNAME¹⁾ and Carl F. GAUSS^{1,2)}

University of Plasma, Nagoya 000-0000, Japan

¹⁾*University of Fusion Science, Toki 000-0000, Japan*

²⁾*National Institute of Kakuyugo, Tokyo 000-0000, Japan*

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. 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.

Keywords: about five keywords or phrases separated by commas

1 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.

2 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
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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

English is the working language of the conference.

author's e-mail: xxxyyyzzz@u-plasma.ac.jp

3 Conference Place and date

21st International Toki Conference will be held from 28 November to 1 December 2011 at "Ceratopia Toki", 4 Tokitsu-Takayama, Toki 509-5121, Gifu, Japan.

4 Registration

All registrations (other than abstract submission) can be made starting September 10, 2011 through the Conference web site. All attendees are requested to register by October 10, 2011. The registration fee is 25,000 yen, and the fee for students is 15,000 yen (both including the banquet fee, which cannot be subtracted). The registration fee includes:

1. Access to all sessions of the Scientific Program
2. An abstract booklet
3. Coffee break refreshments and the banquet
4. Submission of one paper for the conference publication provided the abstract has been previously accepted

Banquet ticket for an accompanied person is 5,000 yen. The registration fee is payable at the conference site (only by cash in Japanese yen).

5 Paper submission

The papers presented in the conference can be submitted to Plasma and Fusion Research (<http://www.jspf.or.jp/PFR/>) that is an electronic journal published by the Japan Society of Plasma Science and Nuclear Fusion Research. The papers go through all the peer-review process, and those accepted will be published as regular papers in the academic



Fig. 1 Sample figure. Letters in figures must be sufficiently large.

journal, PFR. Detailed information will be posted on the conference web-site once it is available.

6 Paper preparation

The articles intended to be published in regular article section of the Plasma and Fusion Research (PFR). The length of the manuscript must not exceed 4 pages in contributed paper and 8 pages in invited paper. The paper size must be A4 (21.0 cm \times 29.7 cm).

Authors using \LaTeX should use the `pfr` package provided by the program committee of ITC-21:

```
\usepackage{pfr_itc21}
```

Text should be typeset in Times. The title should be in Times Bold. These fonts can be accessed by using either the standard `times`, `mathptmx` or recent `txfonts` package, as in

```
\documentclass
[a4paper,twocolumn,fleqn]{article}
\usepackage{amsmath} % optional
\usepackage{txfonts} % or times
\usepackage{graphicx} % optional
\usepackage{pfr_itc21}
\begin{document}
...
```

The default Computer Modern fonts may be used as a last resort.

The document should be submitted in PDF format (or PostScript format). Any fonts other than the standard PostScript fonts (such as Times and Symbol) must be embedded in the document, and don't use national (e.g. Japanese) fonts.

The manuscript must include a concise abstract (less than 200 words), a complete list of references, figures and tables with captions. Each author's name is given in the order of first name, initial of optional middle name and last name, as in Carl F. GAUSS. References are cited as [1], [2, 3], and [1, 2, 3], and are listed at the end of the manuscript, *not* preceded by a header such as "References." See also Fig. 1 and its caption.

Equations should be indented by 10 mm from the left margin, as is

$$\tilde{f}(\mathbf{x}, \mu, E) = -\rho \cdot \nabla f_M(\mathbf{x}, E). \quad (1)$$

Vector expressed by a Greek font should be written in Greek Bold; e.g., $\boldsymbol{\rho} = \mathbf{b} \times \mathbf{v}_\perp / \Omega$. For equations sepa-

rated into multiple lines, the equation number should appear only on the last line.

7 Important dates

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

8 Committee

8.1 International advisory committee

A. Komori (Japan, Chair), H. Azechi (Japan), B. Blackwell (Australia), T. Hino (Japan), R. Horiuchi (Japan), S. Imagawa (Japan), T. Imai (Japan), S. Ishiguro (Japan), O. Kaneko (Japan), K. Kawahata (Japan), T. Klinger (Germany), L. M. Kovrizhnykh (Russia), G. S. Lee (Korea), J. G. Li (China), O. Mitarai (Japan), T. Mito (Japan), T. Muroga (Japan), T. Mutoh (Japan), H. Ninomiya (Japan), Y. Ogawa (Japan), Y. Ohsawa (Japan), S. Prager (U.S.A.), A. Sagara (Japan), J. Sanchez (Spain), F. Sano (Japan), M. Sasao (Japan), H. Sugama (Japan), Y. Takeiri (Japan), M. Tendler (Sweden), H. Yamada (Japan), J. W. Van Dam (U.S.A.), H. Zushi (Japan)

8.2 International program committee

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8.3 Local organizing committee

A. Sagara (Chair), H. Zushi (Co-chair), T. Mito (Co-chair), S. Imagawa (Scientific Secretary), T. Akiyama, H. Chikaraishi, T. Goto, Y. Hishinuma, K. Ida, R. Ishizaki, A. Ishizawa, M. Isobe, A. Itoh, A. Iwamoto, D. Kato, T. Kawano, M. Kobayashi, S. Kubo, S. Masuzaki, J. Miyazawa, N. Mizuguchi, T. Muraga, H. Nakamura, T. Nagasaka, M. Nishiura, T. Obana, K. Okada, R. Sakamoto, M. Skoric, Y. Suzuki, T. Taki, H. Tamura, M. Tanaka, T. Tanaka, M. Tokitani, Y. Tomita, K. Tsumori, S. Yamada, M. Yamanaka, N. Yanagi, K. Yasui, M. Yoshinuma

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- [2] L. Spitzer, Jr., *Physics of Fully Ionized Gases* (Interscience Publishers, New York, 1959) p. 20.
- [3] S. Tanaka, to be published in *Jpn. J. Appl. Phys.* **22** (1983).