

**Joint Meeting of
14th International Toki Conference on Plasma Physics and
Controlled Nuclear Fusion
&
4th International Conference on Atomic and Molecular Data
and Their Applications**

**"New Research on Atomic and Molecular
Processes and The Increasing Applications to
Plasmas, Science and Technology"**

October 5 – 8, 2004, Ceratopia Toki, Toki, Gifu, Japan

Second Announcement

Organized by National Institutes of Natural Sciences,
National Institute for Fusion Science

You are cordially invited to attend the Joint meeting of the 14th International Toki Conference (ITC14) on Plasma Physics and Controlled Nuclear Fusion and the 4th International Conference on Atomic and Molecular Data and Their Applications (ICAMDATA). The Joint meeting will be held from October 5th to 8th, 2004 at the Ceratopia Toki Conference Hall (Toki, Gifu, Japan) on the subject of "New Research on Atomic and Molecular Processes and The Increasing Applications to Plasmas, Science and Technology".

The International Toki Conference focuses on topics in plasma physics and controlled nuclear fusion, and has been held annually since the establishment of the National Institute for Fusion Science (NIFS) in 1989. The ICAMDATA is a continuing series of international conferences since 1997 that promotes the use of atomic and molecular (AM) data in various fields of science and technology, and provides a forum for interaction of AM data producers and users.

1. Topics

This conference covers topics on AM data in various areas of science and technology, development of experimental and theoretical methods for AM data production, AM data collection, assessment, exchange and dissemination.

1) Applications of Atomic and Molecular Data

Basic plasma physics

Controlled nuclear fusion energy research

Astrophysics, Atmospheric physics

Industrial applications of low-temperature plasmas including plasma processing, etching, plasma display panel, etc.

Lighting science

Radiation science and Biological physics

Environmental science and technology

Surface science, etc

2) Fundamental Atomic and Molecular Data

Structural and radiative properties of atoms, ions and molecules

Electron - atom/ion/molecule collision processes

Ion (atom) - atom/molecule and ion - ion collision processes

Photonic processes

3) Atomic and Molecular Databases and Activities

Databases and activities in AM Data Centers

Other AM data collection and assessment activities

2. Place

Ceratopia Toki Conference Hall

Takayama 4, Tokitsu-cho, Toki-shi, Gifu 509-5121 JAPAN

3. Dates

Tuesday, October 5th to Friday, October 8th, 2004

4. Language

The working language for the conference is English.

5. Registration

On-line registration can be made through the conference website (<http://itc14.nifs.ac.jp/>), and will become available in May. The deadline for registration is August 31st. Please help us by registering as early as possible.

6. Submission of Abstracts of Invited and Poster Papers

In addition to the program of invited speakers, there will be two poster sessions and contributed posters are welcome. One-page abstracts for posters and for invited talks are due by June 30th. Papers must be original and contain new results relevant to the conference topics. The abstract should be sufficiently detailed in describing its purpose and the results. Please refrain from including figures and graphs in the abstract. The selection for acceptance will be made by the International Program Committee. Authors will be notified of acceptance of abstracts by the end of July. The accepted abstracts will be bound as a booklet and distributed to all participants

during the conference. They will also be exhibited on the website. On-line submission of the abstracts can be made through the conference website (<http://itc14.nifs.ac.jp/>). The on-line submission will become available in May. Abstract submission by fax is not acceptable.

7. Proceedings

Invited speakers and authors of contributed posters are requested to submit their completed manuscript for the proceedings to the registration desk on the first day of the conference. The submitted papers will be refereed for publication in the proceedings. For the contributed posters, the acceptance of the abstract does not guarantee publication in the proceedings. All registered participants will receive a copy of the proceedings. Instructions for preparation of the manuscript will be posted on the website.

8. Registration Fee

The registration fee is 20,000 yen. The registration fee will cover abstract book, proceedings, banquet and coffee. Students can register for 10,000 yen. The banquet fee for accompanying persons is 5,000 yen per person. Only Japanese yen can be accepted at the conference desk. The participants need to make their payment at the registration desk on the first day of the conference.

9. Accommodation

We have reserved hotels near Toki City for participants of the conference. On-line hotel reservation can be made through the conference website (<http://itc14.nifs.ac.jp/>). The hotel information and the on-line reservation will become available on the website in May. The deadline for hotel reservation is August 31st. In case of cancellation, 10 days' advance notice is required.

10. Transportation

The Toki city is located about 40 km northeast from Nagoya city, and is famous for its long history of pottery-making and ceramics. The conference hall 'Ceratopia Toki' is located about 0.4km from Toki-shi station on the Japan Railway (JR) Chuo-line. A detailed map and timetable will be available on the conference website. For convenience of the participants, limited shuttle buses linking the hotels and the conference hall will be provided during the conference.

11. Programs and Future Information

The most up-to-date information regarding the conference, such as the scientific program, the lists of invited speakers, and special announcements, will be made available through the conference website.

12. Visa

In case you need a visa to enter Japan, the conference secretaries will provide an official invitation letter to obtain the entry visa. The Visa Application Form will be available on the conference website. Please fill in and return the Visa Application Form to the conference secretary by airmail or fax no later than August 10th. A printed form is strongly suggested since a handwritten form often leads to mistakes in the paper work. Please note that it takes more than two weeks to get a Japanese visa after applying at the Japanese Consulate.

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Key Dates

Deadline for Abstract	June 30th
Notification of acceptance	End of July
Visa application	August 10th
Registration and Hotel Reservation	August 31st
Deadline for manuscript for Proceedings	October 5th

Conference website

Detailed information on this conference is available on the website:

<http://itc14.nifs.ac.jp/>

Please contact the following conference office in case you have problems connecting with our website and/or

the on-line functions do not work.

Conference office

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