

**The 1st J-PARC International Symposium
International Symposium on Pulsed Neutron and Muon Sciences (IPS 08)**

Second Announcement

Date: March 5-7, 2008

Place: Ibarakiken Shichouson Kaikan, Mito, Japan

Organized by
J-PARC Center

Co-organized by
Institute of Materials Structure Science, High Energy Accelerator Research Organization
Quantum Beam Science Directorate, Japan Atomic Energy Agency

Symposium Chairs
Yujiro Ikeda, JAEA
Susumu Ikeda, KEK

Scope

The J-PARC International Symposium, International Symposium on Pulsed Neutron and Muon Sciences (IPS 08), will focus on the high intensity pulsed spallation neutron and muon sources at MLF, in which the first user program will begin in J-PARC. IPS08 will provide an opportunity to introduce the performance of J-PARC and other facilities in the world, and discuss prospective sciences and technologies performed in those facilities. In order to fully respect the symposium scope, papers should concentrate on prospective aspects in sciences and technologies.

Symposium Topics

Symposium topics and keywords are listed below.

1. Innovative sources and instruments
 Muon target, Neutron source, Instruments, Device, Detector, Neutron optics, Polarization, Facility (inc. radiation safety), etc.
2. Advanced science in materials
 Strongly correlated electron systems, Functional ceramics, Magnetism, Superconductivity, Ferroelectrics, etc.
3. Hydrogen and water
 Life science, Soft matter, Polymer, etc.
4. Energy, environment and safety

Materials science, Functional materials, Nano science (Batteries, Fuel cells, Hydrogen storage materials, etc.)

5. Basic science and nuclear physics, chemistry, etc.

IPS08 program (tentative)

Date	Morning	Afternoon		
5-Mar	Opening, Facility Report, Topics from Micro-Sessions	MS1 Innovative sources and instruments	Poster Session	MS1 Innovative sources and instruments
		MS2 Advanced science in materials		MS2 Advanced science in materials
		MS3 Hydrogen and water		MS3 Hydrogen and water
6-Mar	Topics from Micro-Sessions	MS4 Energy, environment and safety	Poster Session	MS4 Energy, environment and safety
		MS1 Innovative sources and instruments		MS5 Basic science and nuclear physics, chemistry, etc.
7-Mar	Panel discussion	J-PARC site tour		

Call for Papers

Authors are requested to submit one-page abstract of the paper to the organizing committee **by December 28, 2007**. The acceptance of the abstract will be notified to the author. A full paper should be submitted to the organizing committee **by the end of March, 2008**. Manuscripts of both abstracts and full papers are requested to submit through the symposium web site (<http://www.ips08.com>). Both abstracts and papers should be written in English.

Abstract

Authors are requested to submit abstract of the paper through the symposium web site (<http://www.ips08.com>). Please follow instructions given in the web site. Presentation category (oral or poster) and topic number relevant to your paper should also be notified. Abstracts will be

published as a booklet and handed to participants at the symposium reception desk.

Proceedings

Presented papers will be published as a special issue of *Nuclear Instruments and Methods in Physics Research Section A* (NIMA). After peer review of the papers, the organizing committee takes responsibility in the process for publication. As a result of the peer review, there is a possibility that your paper is requested to revise or is rejected although the presentation has been done.

Registration

Information on registration will be available through the symposium web site (<http://www.ips08.com>). Registration fee for the symposium participation is as follows:

Registration fee ¥30,000

There is no reduced fee. The organizing committee will not provide any financial support for the symposium participants.

Banquet

Symposium banquet with charge of 8,000 yen will also be held at a hotel by Mito Station. Registered participants will have the possibility to purchase tickets for the symposium banquet. Detailed information on the banquet will be announced later.

Site Tour

A tour to the J-PARC site in Tokai-mura will be scheduled in the afternoon of March 7, 2008. Transportation by coach will be provided for participants from symposium place to the J-PARC site including return to Mito Station. We would like to welcome everyone who is interested in the J-PARC facility.

Site and Venue

IPS08 will be held at “Ibarakiken Shichouson Kaikan” in Mito city, Japan. It is located next to the Ibaraki Prefectural Government's Buildings which is about 20 minute by bus from Mito Station.

Mito city is the prefectural capital of Ibaraki prefecture. It is located 120 km northeast of Tokyo, and easily accessed from both of Tokyo International Airport (Haneda) and Narita International Airport. Total population of the city is approximately 263,000. One of the Japan's three finest landscape gardens, Kairakuen is most famous for its over three thousand plum trees. IPS08 will be held in the midst of the most attractive plum blossom season, which usually takes place in late

February and March. The Mito Plum Festival (Mito Ume Matsuri) is held annually during the season. Average temperature in March is around 6 to 7°C at Mito.

Transportation

There is a direct limousine bus service available from the Narita International Airport to the Mito Station. In case of using train service of JR Joban Line, it takes about 70 minutes by an express from Ueno Station in Tokyo.

The organizing committee will arrange direct bus service from “South Exit of Mito Station” to the “Ibarakiken Shichouson Kaikan” for symposium participants during the symposium duration. There is also public bus connection directly from “South Exit of Mito Station” to “Ibaraki Prefectural Government's Buildings” about every 30 minutes in day time. The information of bus stops and timetables will be given in the web site.

Accommodation

There are many hotels in reasonable prices around Mito station. The information of hotels will be announced on the symposium web site (<http://www.ips08.com>) so that participants could make hotel reservation through it. The official symposium hotel is Hotel Terrace The Garden Mito (<http://www.hotel-terrace.com/>) located a minute walk from the south exit of Mito Station. The symposium banquet will be held at this hotel.

Visas

Persons coming from certain countries must have visas issued by Japanese Consulate/Embassy in their countries. If you need an official invitation letter to get a visa, please get in touch with the conference secretariat at the latest.

Key Dates

Deadline for abstract submission	December 28, 2007
Deadline for symposium registration	January 31, 2008
Symposium dates	March 5-7, 2008
Deadline for full paper submission	March 31, 2008

International Advisory Panel

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Symposium Secretariat

Dr. Masatoshi Arai

Materials and Life Science Division,

J-PARC Center

Japan Atomic Energy Agency

Contact Address

Hiroshi Takada, Kenji Nakajima

Materials and Life Science Division

J-PARC Center

Japan Atomic Energy Agency

Tokai-mura, Naka-gun, Ibaraki-ken, 319-1195, Japan

TEL: +81-29-282-6936

FAX: +81-29-284-3889

e-mail: IPS08@ml.j-parc.jp

<http://www.ips08.com>

