



13th International Conference on Heavy Ion Accelerator Technology

YOKOHAMA, JAPAN, SEPTEMBER 7-11, 2015

First Announcement

Dear Colleagues,

The 13th Heavy Ion Accelerator Technology Conference (HIAT2015) will be held in Yokohama, Japan from September 7-11, 2015. The conference will be hosted by RIKEN Nishina Center and will be held in downtown Yokohama at WORKPIA YOKOHAMA.

HIAT is an international conference dedicated to the design, construction, development and operation of heavy-ion accelerators and their components. It focuses on the operational experience of existing facilities, achievements in heavy-ion accelerator physics and technology, progress on the implementation of new projects and infrastructure upgrades, and trends in the proposal and design of heavy ion accelerators as well as their main systems and components.

The conference is mainly devoted to the accelerator teams of any institution, laboratory or university, running or developing heavy ion facilities or their components for studies in the fields of nuclear physics and astrophysics as well as the applications of heavy ion beams in medicine, accelerator mass spectrometry, material analysis and processing, nuclear waste management, dynamics of nuclear fusion and fission, radiation science and dosimetry, development and production of radionuclides, environmental metrology, etc.

HIAT2015 is the 13th in a series of conferences, going back to 1973 in Daresbury and followed by Strasbourg (1977), Oak Ridge (1981), Buenos Aires (1985), Strasbourg-Heidelberg (1989), Legnaro (1992), Canberra (1995), Argonne (1998), Delhi (2002), Brookhaven (2005), Venice (2009), and Chicago (2012).

Conference Topics

The program will include invited, oral and poster presentations on the following main topics:

- Electrostatic Accelerators
- Room Temperature and Superconducting Linacs
- Room Temperature and Superconducting Cyclotrons
- Synchrotrons and Storage Rings
- Radioactive Ion Beam Facilities
- Ion Sources and Traps
- Main Accelerator Systems and Components (e.g. Radiofrequency, Cavities, Magnets, Vacuum, Control, Beam Diagnostics, Cryogenics, Radioprotection, Mass Spectrometry, Microbeam Facilities)

Conference Venue

The conference will be held at WORKPIA YOKOHAMA in the downtown of the Yokohama city. The venue overlooks the Yokohama port and is close to interesting shopping, sightseeing and dining options. Information on accommodations and other travel facts will be provided in the second announcement.

The conference runs five days (9/7-11/2015) with a welcome reception on Sunday evening (9/6/2015). We are planning a conference facility tour of RIKEN RI Beam Factory on Friday afternoon (9/11/2015).



Proceedings

The conference proceedings will be published in the JACoW (<http://www.jacow.org/>), similar to HIAT2012.

Companion Program

Yokohama is a large city in the Tokyo Bay area and has many world-class tourist attractions (<http://www.welcome.city.yokohama.jp/eng/travel/>). A program of tours to the most interesting sites in the Yokohama area will be offered to companions during the conference and information will be provided to those planning to visit the city before or after the conference.

Key Dates

Second announcement and start of abstract submission: February 2, 2015

Deadline for submission of abstracts: March 27, 2015

Start of registration: April 15, 2015

Deadline for early registration and VISA application: June 1, 2015

Third announcement: July 27, 2015

Deadline of manuscript submission: September 7, 2015

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For update information, please consult the Conference web site:

<http://www.rarf.riken.jp/hiat2015>

