



HIAT 2009

Heavy Ion Accelerator
Technology

Venice (Italy), June 8-12, 2009

First Announcement

Purpose of the Conference



HIAT is an international conference dealing with heavy ion accelerators and their components, including the design phase, the realization phase, and the operational activities.

It focuses on: operational experience on existing facilities, achievements in heavy ion accelerator physics and technology, progress on the implementation of approved projects and their infrastructures, trends in the proposal and design of heavy ion accelerators and 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.

HIAT 2009 is the 11th 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).



Conference Topics

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

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

Venue



The HIAT09 Conference will be held at Centro Culturale Don Orione Artigianelli (<http://www.donorione-venezia.it/>), Dorsoduro Zattere – Venezia (Italy), from 8 to 12 June 2009. The Centro Culturale Don Orione Artigianelli, facing the Giudecca Canal, is an ancient monastery, now restored and endowed with the most advanced technology. The guest house of the centre will offer a limited number of comfortable and low-cost rooms, while lunches will be served at the adjacent Restaurant San Trovaso with garden.

Abstract Submission, Registration and Accommodation

Oral and poster presentations will be selected on the basis of abstract submission. The deadline for abstract submission, registration and accommodation will be announced in the second circular.

Proceedings

The Proceedings of HIAT09 will be published on JACoW (<http://jacow.org/>), the Joint Accelerator Conference Website for the Asian, European and American Particle Accelerator Conferences and the BIW, COOL, CYCLOTRONS, DIPAC, ECRIS, FEL, HIAT, ICALEPCS, ICAP, ICFA ABDW, LINAC, PCaPAC, RuPAC and SRF conferences.

Instructions to Authors will be given in the next announcements.

Scientific Committee

Jeff Ashenfelter, *Yale University, USA*
Walter Assmann, *Ludwig-Maximilians-Universität München, Germany*
James R. Beene, *Holifield Radioactive Ion Beam Facility, ORNL, USA*
Giovanni Bisoffi, *INFN-LNL, Italy*
Robin Ferdinand, *GANIL, France*
Oliver Kester, *Gesellschaft für Schwerionenforschung, Germany*
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Richard Pardo, *Argonne National Laboratory, USA*
Roland Repnow, *Max-Planck-Institut für Kernphysik Heidelberg, Germany*
Danilo Rifuggiato, *INFN-LNS, Italy*
Amit Roy, *Inter-University Accelerator Centre, India*
Kimikazu Sasa, *University of Tsukuba, Japan*
Dannie Steski, *Brookhaven National Laboratory, USA*
Suehiro Takeuchi, *Japan Atomic Energy Agency, Japan*
Bernard Waast, *Institut de Physique Nucléaire d'Orsay, France*
David Weisser, *Australian National University, Australia*
Guan Xialing, *China Institute of Atomic Energy, China*

Organizing Committee

Giovanni Bisoffi, *INFN-LNL, Italy (Chairman)*
Augusto Lombardi, *INFN-LNL, Italy*
Vincenzo Palmieri, *INFN-LNL, Italy*
Piero Antonio Posocco, *INFN-LNL, Italy*
Daniele Ceccato, *INFN-LNL, Italy*
Anna D'Este, *INFN-LNL, Italy*



Correspondence Address:

HIAT 2009
INFN - Laboratori Nazionali di Legnaro
Viale dell'Università' 2, 35020 Legnaro (Padova) ITALY
phone: +39 049 8068 310 - Fax: +39 049 8068 829
e-mail: hiat09@Inl.infn.it

For update information, please consult the
Conference web page:

<http://hiat09.Inl.infn.it/>