

# Brief report on



P. A. Posocco

# HIAT conference: what is it?

## *Purpose of the Conference*

- HIAT is an international conference dealing with heavy ion accelerators and their components, including their design, realization, test and operation.
- It focuses on: operational experience of 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 various other fields
- 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).

11<sup>th</sup> International Conference on  
**HEAVY ION ACCELERATOR  
 TECHNOLOGY**

Venezia (Italy), June 8-12, 2009

**PURPOSE OF THE CONFERENCE** .....

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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.

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**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 and Traps
- Main Accelerator Systems and Components (e.g. Radiofrequency, Magnets, Vacuum, Control, Beam Diagnostics, Cryogenics, Radioprotection, Mass Spectrometry, Microbeam Facilities)



Conference Venue: Centro Culturale Don Orione Artigianelli, Venezia

**SCIENTIFIC ADVISORY COMMITTEE** .....

- Jeff Ashenfelter, Yale University, USA  
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**LOCAL ORGANIZING COMMITTEE** .....

- Giovanni Bisoffi, INFN-LNL (Chairman)  
 Daniele Ceccato, Padova Univ. and INFN-LNL  
 Anna D'Este, INFN-LNL (Secretary)  
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 Piero A. Posocco, Consorzio INFN and INFN-LNL



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# Announcements

- **1<sup>st</sup> Announcement (24.07.08)**

<http://agenda.infn.it/materialDisplay.py?materialId=2&confId=434>

- **2<sup>nd</sup> Announcement (09.12.08)**

<http://agenda.infn.it/materialDisplay.py?materialId=5&confId=434>

- **3<sup>rd</sup> Announcement (04.05.09)**

<http://agenda.infn.it/materialDisplay.py?materialId=8&confId=434>

# Deadlines

- *January 30, 2009*: Abstract Submission:
  - 111 (including 1 withdrawn).
- *March 2009*: Acceptance of contributions:
  - invited 16; accepted for oral presentation 45; accepted for poster presentation 50.
- *March 27, 2009*: Early Registration and Accommodation
- *May 29, 2009*: Late Registration
- *June 4, 2009*: Paper Submission

# Topics

Topic	Invited Talks	Oral Contributions	Posters
Electrostatic	1	5	1
Linacs	2	12	9
Circular	2	7	9
RI Facilities	4	9	5
Therapy	2	0	0
Applications	1	2	8
Ion Sources	2	7	3
General	1	2	5

# Some data...

- Participants: 112 (145 including and Sponsors/Exhibitors)
- Exhibitors: 8; Sponsors: 6
- Papers submitted: 46 oral+40 poster
  - papers submitted within 7 June: 66 (~60%)
- Proceedings Office: 3 people, open from 9:00 to 17:00
- Registration Desk: 2 people (LNL) + 1 (Travel Agency employee)

# During the conference

- Group:
  - 2 dedicated to paper processing
  - 1 dedicated to ppt acquisition and test
- 100% of submitted papers pre-processed before Thursday (66/111)
  - Only 2 “red dots”
  - Most of the papers were yellow, a real pain!



# After the end of the conference...

- Paper submission:
  - 20 papers received before the end of June;
  - 25 papers missing (22%!!!!);
- Paper processing & Quality Assurance:
  - 1 week work;
- JACoW database setup:
  - 1 month work (far far... far too much!);
  - Everything by hand, xml export from the old Indico database failed, cross checking with SPMS name database
  - Authors added many changes in the authors' list and abstract

# Problems with JACoW (using Indico)

- Mailing list given by JACoW not containing email addresses
- Check carefully your Indico release! 0.94 definitely not good...
- Lack of correspondence between authors' names as written in papers and names as registered in JACoW Author Profile Repository
- No hint how to insert symbols for authors
- Papers are not peer-reviewed, which means that a few authors didn't care at all about the content and the English of the written contributions (again, 20% of papers are missing)

# Conclusions

- The Conference was a real success (the location, of course, played a very important role...)

but...

- Using SPMS seems to be mandatory (at least for an easy post-processing and database set-up)