

SNEAP 2012 Clousure

**Symposium of North Eastern Accelerator Personnel
Hosted October 01-05, 2012 by I.N.F.N.
Laboratori Nazionali di Legnaro**



Symposium for North Eastern Accelerator Personnel

„SNEAP is a community of personnel involved with particle accelerators, mainly electrostatic, and their use.

Founded in 1968, the organization gathers annually to discuss and exchange information to the benefit of all those who attend. The goal of the Symposium is to have a workshop of operation personnel discussing and sharing experiences in order to help each other in solving the practical problems and let their ingenuities become common knowledge of the community.

The topics covered include ion sources, electrostatic and rf accelerators, telemetry and control systems, cryogenic systems, safety issues and many other topics relevant to the operation of small to medium sized accelerator laboratories.

The meeting format is made of oral presentation and poster stands followed by open and informal discussions concerning laboratory reports and contributed papers .

Space for vendors is made available to permit attendees to speak directly with manufacturers and their representatives and to inspect many new devices and products.

Attendees include representatives from Universities, National Laboratories, and Industrial Research Laboratories from the United States of America, and many other countries including Argentina, Australia, Canada, China, Croatia, Finland, France, Germany, India, Italy, Japan, South Africa, Switzerland and others.



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



SNEAP 2012 Statistics

Participants: 70

Research Facilities: 27

Nations: 15



SNEAP 2012 Statistics

1. Istituzione Nazionale di Fisica Nucleare

COMISION NACIONAL DE ENERGIA ATOMICA Buenos Aires ARGENTINA

Australian Nuclear Science and Technology Organisation- Sydney, AUSTRALIA

3. **McMaster University - Hamilton, CANADA**

4. **Rudjer Boskovic Institute- Zagreb, CROATIA**

5. **University of Helsinki- Helsinki, FINLAND**

6. **University of Jyväskylä, Department of Physics- Jyväskylä, FINLAND**

7. **Centre de recherche et restauration des musées de France Paris FRANCE**

8. **CNRS - Institute of nuclear physics of ORSAY Paris FRANCE**

9. **Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Berlin GERMANY**

10. **Maier-Leibnitz-Laboratorium- Garching, GERMANY**

11. **PTB Germany- Braunschweig, GERMANY**

12. **University of Erlangen-Nuremberg, Department of Physics- Erlangen, GERMANY**

13. **GNS Sciences- Wellington, NEW ZEALAND**

14. **Inter University Accelerator Centre- New Delhi, INDIA**

15. **Centro Ferrara Ricerche- Ferrara ITALY**

16. **INFN – Catania, Firenze, Frascati, Gran Sasso, Padova, Legnaro, ITALY**

17. **Università di Padova - Padova ITALY**

18. **Atomic Weapons Establishment- Reading, UNITED KINGDOM**

19. **Lawrence Livermore National Laboratory –Livermore, UNITED STATES OF AMERICA**

20. **National Electrostatics Corp- Middleton, UNITED STATES OF AMERICA**

21. **Oak Ridge National Laboratory- Oak Ridge, UNITED STATES OF AMERICA**

22. **University of Michigan- Ann Arbor, UNITED STATES OF AMERICA**

23. **Western Michicagn University, Kalamazoo, UNITED STATES OF AMERICA**

24. **Woods Hole Oceanographic Institution, Woods Hole UNITED STATES OF AMERICA**

25. **iThemba LABS - Cape Town, SOUTH AFRICA**

26. **Universidad Autonoma de Madrid, CMAM, Madrid, SPAIN**

27. **CERN - Geneva, SWITZERLAND**

SNEAP 2012 Summary

“It’s a Workshop, Not a Conference!”

Share information, participate

- questions, answers, successes, failures
- nearly every participating laboratory contributed

Broad range of topics

- that is the nature of accelerator personal

Variety of communication methods:

- Prepared talks
- Posters
- Open discussions
- Tours
- Keynote Speaker
- Discussions during the breaks, meals

SNEAP 2012 Summary

- Intro to several facilities
- Laboratory report
- How We Do Business
- Accelerator details
- Organization, Scheduling staff
- Supplementary projects
- Safety Systems
- Tools
- Culture
- Disaster recovery, lessons learned

Things to Always Think About

We are smart enough to realize that there is more than one resolution to the problems we face.

And we are smart enough to admit we don't have all the answers.

But we sure as heck know that as a group, we can openly discuss our problems as well as our failures and successes and put them to good use.

Best SNEAP Compliment

“I brought my family to Paris and planned on going to Disneyland.

Thanks to your busy schedule I was unable to go. But it was well worth it!”

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Acknowledgments:

I wish to thank my colleagues who contributed to the preparation of my talk and their support for the SNEAP, namely:

Antonio Beltramin Lucia Boscagli Osvaldo Carletto

Michele Contran Stefano Contran Davide Crivellaro

Giuseppe Daniele Andrea Fasolato Alberto Ferrara

Francesca Moisisio Franco Nerva Marco Pacchiega

Marco Poggi



Organizing Committee

I would like to extend a very special **THANK YOU!** to the members of the Organizing Committee. With out their dedication, support, and hard work, It would be no possible to organaize SNEAP 2012.

Expecially to my FRIEND and colleague Dr. & Ing. Augusto Lombardi (Chair with me in SNEAP 2012).

Many thanks to Cristina Camporese, also to Silvia Zanella and to the mind of the Conference Secretariat, Anna D'Este.

Thank you all for your contributions to SNEAP 2012!

“That’s all I got to say . . . about that!”

See you on SNEAP 2013
Woods Hole Oceanographic Institution