

NIBS2012 – First Announcement

Third International Symposium on Negative Ions, Beams and Sources

September 3 – 7, 2012
University of Jyväskylä, Jyväskylä, Finland

The Third International Symposium on Negative Ions, Beams and Sources — NIBS2012 — will be held in Jyväskylä, Finland, on September 3rd – 7th, 2012. The symposium will be organized by University of Jyväskylä.

NIBS2012 will cover all areas of science and technology related to negative ions. The symposium was formerly named "Symposium on Production and Neutralization of Negative Ions and Beams (PNNIB)". It was started in 1977 for hydrogen negative ions and beams for fusion and accelerator applications. The symposium has evolved to include other ion species and applications, and for further development the name of the symposium has been changed in 2008. Presently, the symposium is the only international forum dedicated to all aspects of negative ions in physics and technology from formation to application.

Scope and Topics

The aim of the symposium is to exchange information on science, technology, engineering, and general experience in all areas related to negative ions by providing a discussion forum. Contribution from a wide variety of scientific fields, such as fusion, accelerator, material science, and the other fields including industrial application, is expected. The main topics are:

- 1. Fundamental processes and modeling**
- 2. H⁻ and D⁻ sources for fusion, accelerators and other applications**
- 3. Other negative ion sources**
- 4. Beam formation and low energy transport**
- 5. Beam acceleration and neutralization**
- 6. Beamlines and facilities**
- 7. Applications**

Venue

NIBS 2012 symposium will be organized in Agora building in Jyväskylä.



Jyväskylä is located in Central Finland in one of the lake districts of the country some 270 kilometers north of Helsinki.



Working Language

The working language of NIBS2012 is English.

Web Site

<http://www.nibs2012.jyu.fi/>

Scientific Program and Publication

The symposium will consist of contributed papers in oral and poster sessions to encourage close and intense discussion. Papers accepted after the usual review process will be published in AIP conference series.

Important Dates

Abstract submission	15 May 2012
Notification of acceptance	15 June 2012
Early registration	30 June 2012
Paper submission	31 August 2012
Symposium	3 - 7 September 2012

Registration information

The local organization committee will define the conference fee by the end of December 2011. The fee and hotel rates will be communicated through the symposium website as soon as they can be confirmed. Online registration for the conference and hotel reservations will be opened in early 2012.

International Program Committee

Y. Belchenko, INP, Russia
D. Boilson, Iter organisation, France
D. Faircloth, STFC, UK
G. Fubiani, LAPLACE/CNRS/Univ. of Toulouse, France
Y. Hwang, SNU, Korea
T. Inoue, JAEA, Japan
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Y. Mori, Kyoto University, Japan
M. Stockli, ORNL, USA
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Y. Takeiri, NIFS, Japan
O. Tarvainen, Univ. of Jyväskylä, Finland
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Local Organizing Committee

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Information on Registration and Accommodation:

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