



17th International Conference on Electromagnetic Isotope Separators and Related Topics (EMIS-2015)

Grand Rapids, Michigan, USA, May 11 -15, 2015

<http://frib.msu.edu/EMIS2015>

Second Circular December 2014 Call for Abstracts

Submission Deadline January 15, 2015

The **International Conference on Electromagnetic Isotope Separators and Related Topics** (EMIS) will be held in Grand Rapids, Michigan, in the United States, Monday, May 11 through Friday, May 15, 2015. The EMIS-2015 conference will be hosted by Michigan State University.

EMIS is the long-running flagship conference series for the presentation of new and unique techniques in the field of low-energy nuclear science. EMIS-2015 will be the seventeenth conference in this series.

Scientific topics of EMIS-2015 include:

- Isotope production, target and ion source techniques
- Techniques related to high-power radioactive ion beam production
- Low-energy and in-flight separators
- Storage rings
- Ion guide, gas catcher, and beam manipulation techniques
- Ion optics and spectrometers
- Ion traps and laser techniques
- Instrumentation for radioactive ion beam experiments
- Applications of radioactive ion beams

Abstract Submission

We invite you to submit an abstract in one of the focus areas to EMIS-2015 via the conference website: <http://frib.msu.edu/EMIS2015> by **January 15, 2015**. Oral and poster presentations addressing the scientific topics for EMIS-2015 will be selected with the advice of the International

Advisory Committee from the set of contributed abstracts. Notification on acceptance of submitted contributions will be sent out early March.

Conference Program

EMIS-2015 will have a five-day program. Registration and a welcoming reception are planned for Sunday, 10 May. Conference excursions are tentatively planned for Wednesday afternoon, 13 May and the conference banquet will be held in the evening of Thursday, 14 May. An opportunity to visit FRIB/NSCL in East Lansing will be organized for interested people on Saturday, 16 May.

Invited Speakers

The following speakers were selected to present invited talks highlighting the scientific topics for EMIS-2015 with the advice of the International Advisory Committee:

Matthew Amthor, Bucknell U., USA	Ania Kwiatkowski, TRIUMF, Canada
Michael Block, GSI, Germany	Bruce Marsh, CERN, Switzerland
Pierre Bricault, TRIUMF, Canada	Peter Müller, ANL, USA
Peter Butler, Liverpool, UK	Takashi Nakamura, Tokyo Tech, Japan
Jacklyn Gates, LBNL, USA	Monika Stachura, TRIUMF, Canada
Ioannis Giomataris, CEA-Irfu, France	Rick Vondrasek, ANL, USA
Alexander Gottberg, CERN, Switzerland	Robert Wolf, Heidelberg, Germany
Stéphane Grévy, CENBG, France	Yuhu Zhang, IMP, China
Toshiyuki Kubo, RIKEN, Japan	

Important Dates

- EMIS-2015 Conference 11-15 May, 2015
- Deadline for Contributed Abstracts - 15 January 2015
- Tentative dates for the organization of the meeting:
 - Conference Program - available early March 2015
 - Start of Early Registration and Hotel Reservations at reduced rate - 12 Jan 2015
 - End of Early Registration and Hotel Reservations at reduced rate - 1 April 2015

Additional Information about EMIS-2015

Additional information regarding the conference venue, accommodation, travel can be found on the EMIS-2015 website <http://frib.msu.edu/EMIS2015>. The early registration conference fee for EMIS-2015 will be \$600 (USD).

EMIS-2015 will be followed by a *Workshop on Active Targets and Time Projection Chambers for Nuclear Physics Experiments*, May 18-20, 2015, at Michigan State University. For more information see <https://indico.fnal.gov/conferenceDisplay.py?confId=8976>.

Proceedings

As is traditional for the EMIS conference, the refereed Proceedings will be published in Nuclear Instruments and Methods consisting of all the material presented at the conference. Authors selected for both oral and poster presentations will be requested to prepare manuscripts suitable for review and publication shortly after the end of the conference.

International Advisory Committee

The complete scientific program for EMIS-2015 will be developed with the assistance of the International Advisory Committee beginning in January 2015.

- Klaus Blaum (MPI-Heidelberg, Germany)
- Yorick Blumenfeld (IN2P3-Orsay, France)
- Angela Bracco (INFN and U. Milano, Italy)
- Alok Chakrabarti (VECC, India)
- Manoel Couder (U. Notre Dame, USA)
- Jens Dilling (TRIUMF, Canada)
- Andrey Fomichev (JINR, Russia)
- Mark Huyse (KU-Leuven, Belgium)
- Ari Jokinen (JYFL, Finland)
- Yongkyun Kim (RISP, South Korea)
- Rubens Lichtenthaler (RIBRAS, Brazil)
- Atsuko Odahara (U. Osaka, Japan)
- Frederique Pellemoine (MSU, USA)
- Hiro Sakurai (RIBF, Japan)
- Herve Savajols (GANIL, France)
- Guy Savard (ANL, USA)
- Ido Silverman (SOREQ, Israel)
- Helmut Weick (GSI/FAIR, Germany)
- Frederick Wenander (CERN, Switzerland)
- GuoQing Xiao (IMP, China)

Local Organizing Committee

- Georg Bollen, FRIB (Chair)
- Daniela Leitner, NSCL
- Wolfgang Mittig, NSCL
- Dave Morrissey, NSCL
- Stefan Schwarz, NSCL
- Antonio Villari, FRIB

Contacts

Please address questions about the EMIS-2015 conference to:

EMIS-2015 Secretary Janell Kebler

640 South Shaw Lane

Michigan State University

East Lansing, Michigan, USA 48824

Email: emis2015@frib.msu.edu

Fax: ++1-517-353-5967