

ASY-EOS 2012

International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms

First Announcement

The third edition of the International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms, ASY-EOS-2012, will be held from September 4-6, 2012, in Siracusa (Sicily), Italy, and continues its tradition from the previous editions held in Militello Val di Catania (in 2008) and in Noto (in 2010). The workshop is promoted by the Asy-EoS collaboration. The present circular will be available on the official web site of the meeting, <http://www.ct.infn.it/asyeos2012>.

The workshop is organized by the Istituto Nazionale di Fisica Nucleare (INFN), Sezione di Catania and Laboratori Nazionali del Sud (LNS), and by the University of Catania. The event is sponsored by the Provincia Regionale of Siracusa (Italy).

General Information

The ASY-EOS topical conference series take place in Sicily with the aim of strengthening the link of scientific communities involved in the study of nuclear reactions and their implications on exotic nuclear systems and states of asymmetric nuclear matter. In addition to the investigation of the symmetry energy in nuclear physics, the forthcoming edition of the ASY-EOS-2012 meeting will extend its focus towards the relevance on nuclear reaction mechanisms at the future radioactive beam facilities. As in the previous editions, special attention will be devoted to the valorization of Sicilian cultural resources and the dissemination of scientific and technological research. This edition of the ASY-EOS conference will be held in the historic town of Siracusa, famous for its ancient preeminent history during the Mediterranean Greek civilization era and its baroque architecture. Siracusa was home of the great scientist Archimede (287-212 B.C.) and the 2300th anniversary of his death is celebrated in 2012. Siracusa is part of the UNESCO World Heritage Sites. More information on Siracusa can be found at <http://www.italia.it/en/discover-italy/sicily/syracuse.html> and on the workshop web site.

How To Reach Siracusa

Participants are recommended to reach the international airport in Catania (CTA) which is well connected with the main European airports. Starting from Catania airport it is easy to reach Siracusa by using public bus transportation (bus companies Interbus <http://www.interbus.it>). Schedule of buses from the airport of Catania will be posted on the conference web site and listed in the next circular.

The organizing committee has negotiated a special rate with local hotel for participants in the ASY-EOS 2012 workshop. More detailed information about accommodation will be provided in the second circular and on the workshop web site, <http://www.ct.infn.it/asyeos2012>.

Committees

International Scientific Committee:

Z. Basrak (Ruder Boskovic Institute, Croatia) M. Chartier (University of Liverpool), A. Chbihi (GANIL, France), M. Colonna (INFN-LNS, Italy), Y. Leifels (GSI, Germany), J. Lukasik (IFJ-PAN, Poland), A. Pagano (INFN-Catania, Italy), P. Russotto (INFN-Catania, Italy), H. Sakurai (Riken, Japan), W. Trautmann (GSI, Germany), M.B. Tsang (NSCL-MSU, USA), G. Verde (INFN-Catania, Italy), S. Yennello (TAMU, USA)

Local organizing committee:

C. Agodi (INFN-LNS, Italy), G. Cardella (INFN-Catania, Italy), E. De Filippo (INFN-Catania, Italy), S. Pirrone (INFN-Catania, Italy), G. Politi (University of Catania & INFN-Catania, Italy), F. Rizzo (University of Catania & INFN-LNS, Italy), P. Russotto (INFN-Catania, Italy)

Local contacts student coordinator: T. Minniti and S. Santoro (University of Messina and INFN-Gr. Coll. Me, Italy)

Secretary and press office: Anna Linda Magri (INFN-CT, Italy), Santo Reito (INFN-CT, Italy)

Scientific Program And Format

The Workshop will focus on the study of nuclear reaction mechanisms and their impact on the symmetry energy term in the nuclear equation of state at both sub- and supra-saturation densities. In view of the forthcoming exotic beam facilities, special seminars on the perspectives offered by nuclear reaction studies at these facilities will constitute an important part of the scientific program. The format of the workshop includes few general talks and short oral contributions followed by moderated discussions.

A special AsyEoS collaboration meeting will take place on September 7th, in the morning. The meeting is open to anyone interested and will focus on the status of the analysis of the experiment S394 performed at GSI in spring 2011.

A special session will be devoted to present the future SuperB project at INFN and activities in the field of strangeness production and high energy nuclear reaction studies.

On September 6th, a seminar meant to introduce the great ancient scientist “ARCHIMEDE di SIRACUSA” to the participants of the workshop and open to the general public will be organized. After the seminar a social dinner will take place in a restaurant of Ortigia, Siracusa.

Participation by students and post-doctoral fellows is strongly encouraged. The official language of the workshop will be English. Contributions will be published in the form of a booklet containing extended versions with figures of the submitted and accepted abstracts.

Call For Contributions & Pre-Registration

Anyone wishing to attend the workshop should pre-register on the website before July the 24th, 2012. At the time of registration it is also possible to submit an abstract. The deadline for abstract submission is July the 15th, 2012. Accommodation reservation links will be available on the website. The organizing committee will send an e-mail message announcing the activation of the hotel reservation links on the web site.

The registration fee amounts to 200 Euros and will cover all coffee breaks, and the social dinner. The fee will be reduced to 100 Euros for students. Limited financial support for students and young postdocs will be available.

Official Contacts

For any information concerning the workshop and its organization please feel free to contact the local organizing committee and the secretary office at the e-mail address: asyeosws@ct.infn.it. For information about travel and accommodation please contact Shogun Travel, (<http://www.shogun.it/default.aspx>, Tel: +39 095 7212361).

We look forward to meeting you at the ASY-EOS 2012 in Sicily!