

ASY-EOS 2015

International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms

First Announcement

The fourth edition of the International Workshop on Nuclear Symmetry Energy and Reaction Mechanisms, ASY-EOS-2015, will be held in March 3-6, 2015, in Piazza Armerina (Sicily), Italy; the previous editions were held in Militello Val di Catania (in 2008), in Noto (in 2010) and in Siracusa (in 2012).

The workshop is promoted by the ASY-EOS collaboration and 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 present circular will be available on the official web site of the meeting, www.ct.infn.it/asyeos2015 or <https://agenda.infn.it/conferenceDisplay.py?confId=6973>.

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-2015 meeting will extend, same as in 2012 edition, 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 Piazza Armerina, famous for its ancient Roman villa of the third- fourth century AD, "Villa Romana del Casale". With an area of over 3500 square meters, the Villa was the hunting residence of Maximian Herculean, co-emperor of Diocletian in the management of the Roman Empire. It is now an amazing testimony of life in Roman times due to its mosaic floors, famous throughout the world.

More information about Piazza Armerina and Villa Romana del Casale can be found at the following links:

<http://www.piazza-armerina.it/>

<http://www.villaromanadelcasale.it/en/>

and on the workshop web site.

Information about how to reach the workshop site will be given on the workshop web site.

The organizing committee has negotiated a special rate with local hotel for participants in the ASY-EOS 2015 workshop. More detailed information about accommodation will be provided in the second circular and on the workshop web site.

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 ASY-EOS collaboration meeting will take place on March 6th. 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 and on future perspectives.

The social dinner will take place in a restaurant of Piazza Armerina.

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 February the 10th, 2015. At the time of registration it is also possible to submit an abstract. The deadline for abstract submission is January the 26th, 2015. 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 250 Euros and will cover all coffee breaks, and the social dinner.

For any information concerning the workshop and its organization please feel free to write to: asyeosws@ct.infn.it.

Committees

International Scientific Committee:

V. Baran (University of Bucharest, Romania), Z. Basrak (Ruđer Bošković Institute, Croatia), A. Chbihi (GANIL, France), C. Horowitz (Indiana University, USA), R.C. Lemmon (SFTC, Daresbury, U.K.), Y. Leifels (GSI, Germany), J. Lukasik (IFJ-PAN, Poland), J. Natowitz (Texas A&M University, USA), A. Pagano (INFN-Catania, Italy), P. Russotto (INFN-Catania, Italy), W. Trautmann (GSI, Germany), M.B. Tsang (NSCL-MSU, USA), G. Verde (INFN-Catania, Italy).

Local organizing committee:

C. Agodi (INFN-LNS, Italy), G. Cardella (INFN-Catania, Italy), E. De Filippo (INFN-Catania, Italy), G. Lanzalone ("Kore" University, Enna & INFN-LNS, Italy), E.V. Pagano (University of Catania and INFN-LNS, Italy), S. Pirrone (INFN-Catania, Italy), G. Politi (University of Catania and INFN-Catania, Italy), L. Quattrocchi (University of Messina & INFN-GR.Coll. Messina, Italy), F. Rizzo (University of Catania & INFN-LNS, Italy), P. Russotto (INFN-Catania, Italy)

Secretary and press office:

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