



NUSYM 2017

7th international symposium on nuclear symmetry energy
SEPTEMBER 4TH - 7TH / GANIL, CAEN, FRANCE

The 7th **International Symposium on Nuclear Symmetry Energy (NuSYM17)** will be held on September 4-7, 2017 at GANIL, Caen, France.

The event is the 7th edition of NuSYM conferences, held for the first time in 2010 at RIKEN:

NuSYM10-RIKEN, Japan, <http://ribfuser.riken.jp/conf/nusym10>

NuSYM11-Smith College, USA, MA, <http://www.smith.edu/nusym11/index.php>

NuSYM13-NSCL/FRIB, USA, MI, <http://www.nucl.phys.tohoku.ac.jp/nusym13>

NuSYM14-Univ. of Liverpool, UK, <http://npg.dl.ac.uk/NuSYM2014-Workshop/index.html>

NuSYM15-IFJ/PAN, Jagiellonian Univ. and Cracow Univ. Tech., Poland, <http://nusym15.ifj.edu.pl/>

NuSYM16-Tsinghua University, Beijing, China, <http://info.phys.tsinghua.edu.cn/enpg/nusym16/>

Scientific scope

The purpose of NuSYM17 consists of discussing advances in experimental and theoretical studies of the nuclear equation of state of asymmetric nuclear matter and relevant advances in astrophysics. An important role of the symposium is to unify efforts of the nuclear physics and astrophysics communities in addressing common research challenges.

The program will cover the current state of research and the anticipated development trends in various centers and facilities in the world. The symposium, while providing a convenient space and time for discussions of burning problems future directions, will also offer opportunities to build collaborations to advance in inter-related research fields.

NuSYM17 will cover the following topics :

- progress in experimental investigations of the nuclear EoS,
- status of theories of the nuclear reactions and of the asymmetric nuclear matter,
- influence of the symmetry term on the structure of objects and processes in the Femto and astro scales,
- correlations and clusterization in dense, normal and dilute nuclear matter,
- new facilities and instruments.

Registration and Abstracts

Webpage for registration is : <https://nusym17.sciencesconf.org/>

Participants wishing to present a contribution (oral or poster) should submit an abstract directly on the website. **The deadline for abstract submission is June 30, 2017.**

The conference registration fee will be 120€, including coffee breaks, lunches and social dinner. There will be no fee for undergraduate students and PhD students and a charge of **50€** for accompanying person. **The deadline for registration is July 31, 2017.**

Payment has to be made on the following link:

<http://pro.ganil-spiral2.eu/events/creditcard-direct-payment>



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Practical information

NuSYM17 will take place at the Grand Accélérateur National d'Ions Lourds (GANIL), located in Caen, Normandy, France.

The Symposium will start on the morning of Monday, September 4th and finish on Thursday evening, September 7th.

Accommodation and travel

Information on lodging and travel is available on our website.

Contact

We would appreciate if you could bring this Symposium to attention of your colleagues. Participation of young researchers is strongly encouraged.

You can contact us at the following address: NUSYM17@GANIL.fr

Please do not hesitate to contact us if you need an invitation letter for visa application.

The Organizing Committee

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