

International Symposium on Exotic Nuclei Vladivostok, Russia 1 - 6 October 2012

EXON 2012
VLADIVOSTOK
ON

FIRST CIRCULAR

VI International Symposium on Exotic Nuclei "EXON - 2012"

Vladivostok, 1 - 6 October 2012

Organized by: **FLNR JINR (Dubna)**, **GANIL (Caen)**, **RIKEN (Wako-shi)**, **GSI (Darmstadt)**, **NSCL (Michigan)**

Co-chairmen:

S. Galès (GANIL, Caen)
K. Gelbke (MSU, Michigan)
H. En'yo (RIKEN, Wako-Shi)
Yu. Oganessian (JINR, Dubna)
H. Stöcker (GSI, Darmstadt)

International Organizing Committee:

F. Azaiez (IPN, Orsay)
D. Guillemaud-Mueller (IN2P3, Paris)
S. Hofmann (GSI, Darmstadt)
S. Kubono (CNSU, Tokyo)
T. Uesaka (RIKEN, Wako-Shi)
M. Lewitowicz (GANIL, Caen)
V. Miklushevskiy (FEFU, Vladivostok)
W.H. Trzaska (JYU, Jyväskylä)

Local Organizing Committee:

Yu. Penionzhkevich (Chairman)
Yu. Sobolev (Scientific secretary)
B. Reznik (FEFU, Vladivostok)
D. Kamanin (JINR, Dubna)
V. Ivanshin (JINR, Dubna)
E. Kuznetsova (JINR, Dubna)
V. Maslov (JINR, Dubna)
Yu. Sereda (JINR, Dubna)

The VI International Symposium on *EXotic Nuclei (EXON-2012)* is scheduled for 1 - 6 October, 2012. The Symposium will be held in Vladivostok, Russia.

The organizers of the Symposium are:

FLNR JINR (Dubna), **GANIL (Caen)**, **RIKEN (Wako-shi)**, **GSI (Darmstadt)**, **NSCL (Michigan)** the scientific centers where exotic nuclei are intensively studied.

The Symposium will be held in the modern campus of the Far Eastern Federal University (Vladivostok, Russia). The new campus will be launched during the APEC-2012 Summit and is bound to become the venue of collaboration and mutual attraction for talented youth and scholars of the Pacific Rim. This campus is located on legendary Russky Island, one of the most beautiful islands in Peter the Great Bay. This place is widely known for its beautiful surroundings, picturesque landscapes, and splendid vistas, located on the west coast of the Pacific Ocean.

We hope that taking place in such an exotic region the Symposium will contribute to the success of productive work on exotic nuclei and will promote the collaboration of physicists from different countries.

The Symposium will be devoted to the investigation of nuclei in extreme states and, in particular, at the limits of nuclear stability (from very light neutron- and proton-rich up to superheavy nuclei).

The Topics to be discussed are:

- *Methods of production of light exotic nuclei and study of their properties*
- *Superheavy elements. Synthesis and properties*
- *Rare processes and decays*
- *Radioactive beams. Production and research programmes*
- *Experimental set-ups and future projects*

The programme will include oral (20 – 30 min) and poster presentations of contributed papers. It is expected that during the Symposium there will be enough time for informal meetings at which one can discuss future prospects of mutual collaboration of different scientific centers for performing joint investigations.

ABSTRACTS: *The abstracts must be typewritten using MS WORD or LATEX and submitted by e-mail before 30 April, 2012. The abstracts should not exceed 1 page and must be sent in the camera-ready form (17 cm x 25.5 cm).*

PROCEEDINGS: *The Symposium Proceedings will be published shortly after the Symposium. The volume will include only the papers presented at the Symposium. Detailed information on the preparation of the manuscripts will be provided in the next Circular.*

For communication please contact

exon2012@jinr.ru <http://exon2012.jinr.ru>