



**1<sup>st</sup> Circular**  
**of the EURISOL User Group Topical Meeting 2013**  
**„Going to the limits of mass, temperature, spin and isospin**  
**with heavy Radioactive Ion Beams“**

The **EURISOL User Executive Committee and Project Office** - supported by the EURISOL-NETWORK of the ENSAR contract - will hold the 4<sup>th</sup> EURISOL Topical Meeting 2013 “Going to the limits of mass, spin and isospin with heavy Radioactive Ion Beams” that will take place in Krakow, Poland in the days of July 1-3, 2013.

The Workshop will take place in the Aula of **Polish Academy of Arts and Sciences**, ul. Sławkowska 17, Krakow, and will be hosted by the Niewodniczanski Institute of Nuclear Physics Polish Academy of Sciences. The workshop will be chaired by Prof. Adam Maj (Krakow) and Dr. Angela Bonaccorso (Pisa). The workshop is co-organized the by Heavy Ion Laboratory of the University of Warsaw.

The aim of the EURISOL topical meetings is to discuss the various facets of contemporary nuclear physics relevant for the design and planning of the future EURISOL facility. The Krakow Topical Meeting is the fourth in the series after those held in Catania, Valencia and Lisbon devoted to

- “The formation and structure of r-process nuclei, between  $N=50$  and  $82$ ”, (see <http://agenda.ct.infn.it/conferenceDisplay.py?confId=236>),
- “Neutron deficient exotic nuclei and the Physics of the ‘proton rich side’ of the nuclear chart” (see <http://ific.uv.es/~eug-valencia/>), and
- “Physics of light nuclei” (see <http://cfif.ist.utl.pt/~eurisol/>),

respectively.

The Topical Meeting in Krakow will start on Monday July 1 in the morning, and finish on Wednesday July 3 early afternoon.

The program of the Meeting will focus, among others, on the following subjects:

- Progress in mean-field and energy density functionals description of heavy nuclei;
- Research on Heavy and Superheavy Elements with Radioactive Ion Beams;
- Angular momentum dependence of the fission barrier height;
- Exotic nuclear shapes and rotational structure at high spin, isospin and temperature;
- High-spin isomeric states;
- Mass measurements and laser spectroscopy of the heavy elements;
- Beta-delayed fission.

The workshop will consist of invited talks and shorter oral contributions accepted by the Advisory Committee based on the submitted abstracts. Abstracts should be submitted on-line together with registration via web site <http://eurisol.ifj.edu.pl>.

The detailed program will be given in the 2<sup>nd</sup> circular at the end of May.  
There will be no conference fee. All registered participants will be invited to a conference dinner on Tuesday, July 2, evening.

**Deadlines:**

Abstract submission:	April 30, 2013
Confirmation of accepted oral presentations:	May 15, 2013
Registration:	May 31, 2013

**Accommodation:**

A list of suggested hotels in Krakow is available at <http://eurisol.ifj.edu.pl/?static=4>. A number of rooms are pre-booked at these hotels and attendees should then make their own hotel reservations.

**Contact information:**

Queries can be made by e-mail to the Organizers at [eurisol@ifj.edu.pl](mailto:eurisol@ifj.edu.pl), to the Meeting chair Prof. Adam Maj at [adam.maj@ifj.edu.pl](mailto:adam.maj@ifj.edu.pl) or to the EURISOL UEC chair Dr. Angela Bonaccorso [bonac@df.unipi.it](mailto:bonac@df.unipi.it)

Please circulate this information among your colleagues who may be interested in participation.

We look forward to seeing you in Krakow.

On behalf of the Advisory and Organizing Committees,

Adam Maj and Angela Bonaccorso