



The EURORIB 2018 will be held from May the 27th to June the 1st 2018 in the Belambra club “Les Criques” in Giens, a seaside village close to Toulon (south of France).

The conference is jointly organised by the main Radioactive Ion Beam (RIB) facilities in Europe, presently engaged in the major upgrades HIE-ISOLDE@CERN, NUSTAR@FAIR, SPES@LNL and SPIRAL2@GANIL with the long-term goal of EURISOL. The collaborations built around these facilities are exploring new experimental and theoretical ideas that will advance the understanding of nuclear structure and reactions as well as nuclear astrophysics through studies of exotic nuclei. Following the spirit of the conferences held in Giens (2008), Lamoura (2010), Abano Terme (2012) and Hohenroda (2015) the EURORIB 2018 will provide the opportunity for the scientific community and different collaborations to come together and present new ideas, and explore the synergies between the research programs based around the different accelerator projects.

The EURORIB 2018 conference will deal with the following 11 topics:

- 1) Future RIB facilities
- 2) At and beyond the dripline and new modes of radioactivity
- 3) Nuclear structure far from stability and hypernuclei
- 4) Transuranium nuclei
- 5) Dynamics and Thermodynamics of exotic nuclear systems
- 6) Direct Reactions with radioactive beams
- 7) Nuclear astrophysics
- 8) Fundamental interactions
- 9) Applications to other fields
- 10) Instrumentation, electronics and data acquisition systems
- 11) Production and manipulation of RIB

The conference will start **on Monday morning, 28th May and finish on Friday June 1st at noon.**

Sessions will take place in the morning and late afternoon. To favor informal exchanges in a relaxed atmosphere, early afternoons will be free of talks. As usual, we ask the interested persons to stay for the full 5 days of the workshop, in order to increase the interactions among participants.

Important dates

Opening of registration : December 1st, 2017
Second circular December 1st, 2017
Deadline for Abstract Submission : February 15th, 2018
Notification of abstract acceptance : March 15th, 2018
Deadline early registration fee : April 15th, 2018
Deadline for registration : April 28th, 2018
Conference : May 28th – June 1st, 2018

More information will be soon available on our website : <http://eurorib2018.sciencesconf.org>.

The organizing committee