

HOHENRODA/ GERMANY

EURORIB¹⁵

7th – 12th JUNE, 2015

FIRST CIRCULAR

EURORIB'15 - European Radioactive Ion Beam Conference 2015

The fourth international EURORIB conference "EURORIB'15" will be held from June 7 to June 12, 2015 at Hohenroda (Hessen), Germany.

Scope of the conference

Our nuclear physics community is eagerly awaiting the completion of the next generation Radioactive Ion Beam (RIB) facilities in Europe: HIE-ISOLDE@CERN, NUSTAR@FAIR, SPES@LNL, SPIRAL2@GANIL, and the future EURISOL. The collaborations built around these facilities are exploring new experimental and theoretical ideas that will advance our understanding of nuclear structure and reactions as well as nuclear astrophysics through studies of exotic nuclei and that might trigger new applications of nuclear physics using radioactive ion beams.

Following in the spirit of the conferences held in Giens (2008), Lamoura (2010), and Abano Terme/Padova (2012), the EURORIB'15 will provide the opportunity for the different collaborations to come together and present these ideas, and explore the synergies between the research programs based around the different accelerator projects.

The main topics to be discussed at this conference are:

- Future RIB facilities
- At and beyond the dripline and new modes of radioactivity
- Nuclear structure far from stability
- Heavy and superheavy nuclei
- Dynamics and Thermodynamics of exotic nuclear systems
- Reactions with radioactive beams
- Nuclear astrophysics
- Fundamental interactions
- Application of nuclear physics to other fields
- Production and manipulation of RIB
- Instrumentation



Venue and travel

The conference will be held at “Hessen Hotelpark Hohenroda” (<http://www.hotelpark-hohenroda.com>), which is located in the north-east of Hesse and can be reached by train (e.g. via Frankfurt airport). The program will start Monday morning, June 8, and it is recommended that participants arrive on Sunday, June 7. Further information will be given in the second circular.

Important dates

December 1, 2014	2 nd circular
	Registration open
	Call for abstracts
January 30, 2015	Deadline abstract submission
April 30, 2015	Deadline early registration fee

We are looking forward to seeing you in Hohenroda,
The Organizing Committee

EURORIB Organizing Committee

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