

FIRST CIRCULAR EUROSCHOOL ON EXOTIC BEAMS 20-26 AUGUST 2011, Jyväskylä (Finland)

The 18th "EUROSCHOOL on EXOTIC BEAMS" will be held in Jyväskylä, Finland, from 20 to 26 August, 2011. The website of the school can be found at <http://www.euroschoolonexoticbeams.be/>, where a link to an on-line registration form is available. The e-mail address for the school is euroschool2011@kuleuven.be. The deadline for registration is May 15, 2011

The school is intended for PhD students and young post-docs working in areas related to radioactive-ion beams. It consists of several lecture courses given by specialists in their field, starting from a basic level. The school is an annual event initially funded by the EU and now supported by several large research facilities in Europe. The school started off based at Leuven, Belgium in 1993; since 2000 it has travelled around and was organized in various European cities (Jyväskylä - 2001, Les Houches – 2002, Valencia - 2003, Surrey - 2004, Mainz - 2005, Trento - 2006, Houlgate – 2007, Piaski – 2008, Leuven – 2009 and Santiago de Compostela - 2010). This year it is organized by University of Jyväskylä and takes place in Jyväskylä, a university town situated ~270 km north from Helsinki. Each year the school attracts about 50-60 students from all over Europe.

The production and use of energetic radioactive beams is a rapidly developing new field in nuclear physics, especially in Europe. Pioneering experiments are taking place, dedicated facilities are being commissioned and new facilities are planned. Many workshops and conferences have been devoted to this new field and senior scientists have ample opportunities to be informed on the latest developments. The summer schools on exotic beams have been devised so that Ph.D. students and young post-docs are introduced to this new area and receive basic and detailed information.

A fee of 150 Euro will be charged which covers the registration, accommodation (including breakfast and lunch), excursion, welcome reception and the school's dinner.

Speakers and topics:

- J. Äystö (JYFL, Jyväskylä, Finland): "Nuclear physics applications of the ion traps"
- R. Page (Liverpool, UK): ""Back-to-basics" lessons in nuclear spectroscopy"
- C. Düllmann (Mainz, Germany): "Physics and chemistry of superheavy elements"
- T. Duguet (CEA Saclay, France): "Modern nuclear energy density functional methods"
- T. Nilsson (Gothenburg, Sweden): "Reactions with fast radioactive ion beams"
- K. Peräjärvi (STUK, Helsinki, Finland): "Nuclear forensics applications"
- M. Lindroos (ESS, Lund, Sweden): "High power accelerators"

A poster session, repetition sessions and an excursion will be included in the program.

Board of Directors of the Euroschool on Exotic Beams:

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Local organizing committee:

Jani Hakala, Marjut Hilska, Ulrika Jakobsson, Ari Jokinen, Rauno Julin, Pauli Peura, Ilkka Pohjolainen, Mikael Reponen, Juho Rissanen, Panu Ruotsalainen, Antti Saastamoinen

Important dates:

May 15, 2011: registration deadline

June 15, 2011: participants will be informed

August 1, 2011: final circular

August 20, 2011: start of the school

August 26, 2011: end of the school