

**FIRST CIRCULAR**  
***EUROSCHOOL ON EXOTIC BEAMS***  
**4-10 SEPTEMBER 2010, Santiago de Compostela (Spain)**

The 17th "EUROSCHOOL on EXOTIC BEAMS" will be held in Santiago de Compostela, Spain, from 4 to 10 September, 2010. 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 [euroschool2010@igfae.usc.es](mailto:euroschool2010@igfae.usc.es). The deadline for registration is May 15, 2010.

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 funding agencies and 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 and Leuven 2009). This year it is organized by the University of Santiago de Compostela (USC) and takes place in Santiago de Compostela, a historical city situated on the North-West corner of Spain. 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:**

- Y. Litvinov (MPI-K Heidelberg, Germany): " Nuclear physics experiments in storage rings."
- Y. Fujita (Osaka University, Japan): "Nuclear excitations probed by strong, electro-magnetic and weak interactions"
- A. Poves (UAM, Spain): "The nuclear shell model: recent achievements"
- O. Lopez (LPC Caen, France): "Proton versus Neutron in Nuclei: the nuclear symmetry energy"
- J. José (UPC, Spain): " New trends in explosive nucleosynthesis"
- B. Fernández (CEA Saclay, France): " History of nuclear reactions"
- D. Cano-Ott (CIEMAT, Spain): " Nuclear data for nuclear technologies and applications"

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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**Important dates:**

May 15, 2010: registration deadline

June 30, 2010: participants will be informed

July 30, 2010: final circular

September 4, 2010: start of the school

September 10, 2010: end of the school