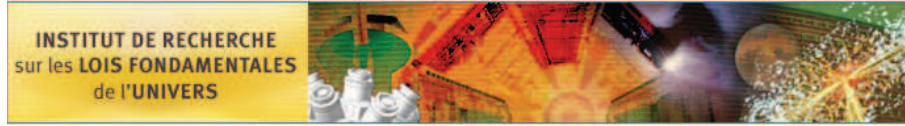


Service de Physique Nucléaire



Séminaire

le vendredi 20 septembre 2013 à 11h

CEA Saclay, Orme des Merisiers, Bât. 703, Salle 135

Highlights from radioactive beam experiments using MINIBALL

Elisa Rapisarda

CERN, PH division

Since 2001 Miniball has been operational at REX-ISOLDE (CERN) utilising segmented HPGe detectors to study nuclei from post-accelerated radioactive beams. Coulomb excitation has been used as the main tool throughout this period, but in recent years the availability of a system for measuring transfer reactions has extended the possibilities of Miniball. With this setup it is even possible to perform transfer reactions using a radioactive beam and a radioactive tritium target.

The physics focus has concentrated on two main topics : the evolution of shell structure away from stability and the phenomenon of shape coexistence.

In this seminar, a few of the highlights of this decade of activity are presented together with an outlook for the future.

Le café sera servi 10 minutes avant

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http://irfu-i.cea.fr/Phocea/Vie_des_labos/Seminaires/index.php