

Service de Physique Nucléaire



Séminaire

le vendredi 30 novembre 2012 à 11h

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

Pairing correlations around the drip-line of finite systems, and beyond

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Pairing correlations play an important role in describing available experimental data as odd-even mass staggering, pair-transfer reactions, di-proton decay. In my talk I will give a short review concerning several pairing phenomena in finite nuclei : both in the stability valley and at the neutron drip-line, with special emphasis on ground-state properties. I will also discuss the importance of nuclear superfluidity in different systems as neutron stars. In such case I will show how different pairing scenario can modify the time-evolution of the star.

Le café sera servi 10 minutes avant

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