

Assemblée Générale des Théoriciens

23 juin 2016

Institut de Physique Nucléaire d'Orsay, Auditorium Irène Joliot-Curie (Bâtiment 100)
Université Paris XI Orsay 15 rue Georges Clémenceau - 91406 ORSAY (FRANCE)

Chair: Philippe Quentin

- 9:15 – 9h30 Welcome address
Bruno Espagnon, IPNO
- 9:30 – 9:50 Effective Field Theory for Few-Body Systems
Betzalel Bazak, IPNO
- 9:50 – 10:10 1S0 Channel in Nuclear Effective Field Theory
Mario Sanchez, IPNO
- 10:10 – 10:30 Brisure de la symétrie d'isospin et évaluation de l'élément de matrice de Fermi
Latsamy Xayavong, CENBG

10:30 – 11:00 Coffee break

Chair: Jean-Philippe Lansberg

- 11:00 – 11:20 Toward an EFT approach in energy density functional theory
Chiehjen Yang, IPNO
- 11:20 – 11:40 Thermodynamique et structure de phase de l'interaction forte
Rainer Stiele, IPNL
- 11:40 – 12:00 Ab-initio structure and reactions of light nuclei
Guillaume Hupin, CEA/DIF
- 12:00 – 12:20 Ab-initio description of few-body collisions
Mateo Valdes Dupuy, IPHC
- 12:20 – 12:40 Transverse dynamics of the gluons inside the proton
Florent Scarpa, IPNO
- 12:40 – 13:00 Nuclear radii, neutron skin, and halo orbits
Jeremy Bonnard, INFN Padova

13:00 – 14:20 Déjeuner Restaurant universitaire d'Orsay à 100 m

Chair : Nathalie Pillet

14:20 – 14:40 Beyond mean-field calculations for nuclear spectroscopy
Benjamin Bally, CEA/SPhN-ENST

14:40 – 15:00 Hydrodynamics in the neutron star inner crust
Noël Martin, IPNO

15:00 – 15:20 Microscopic description of fission dynamics: toward a 3D resolution of the time dependent GCM + GOA equation
David Regnier, CEA/DAM-DIF

15:20 – 15:40 Stochastic mean field approach to fission observables
Yusuke Tanimura, IPNO

15:40-16:00 Fission description: First steps towards a full resolution of the time-dependent Hill-Wheeler equation
Marc Verriere, CEA/DAM-DIF

16:00 – 17:00 Assemblée générale

17:00 ~ Coffee