

SÉMINAIRE du GROUPE THÉORIE



INSTITUT DE PHYSIQUE NUCLÉAIRE

Groupe de Physique Théorique

Bât. 100, F-91406 ORSAY CEDEX

Tél (33)-(0)1-6915-7330 - Fax (33)-(0)1-6915-7748



Andreas Ekström

Chalmers University of Technology, Gothenburg, Sweden

Precision nuclear theory: advances and challenges

A precise and accurate theoretical model of the strong interactions between protons and neutrons would provide a key to new knowledge across 20 orders of magnitude; from neutrinos to neutron stars. Despite a century of the finest efforts, a systematic and quantitative description of strongly interacting matter at low energies is still lacking. In this seminar I will present some of the recent developments and future perspectives towards a predictive theory for atomic nuclei.

Mercredi 20 Juin 2018, 11h30

IPN, Bât. 100, Salle A015