

Université Paris-Saclay  
IJCLab  
(Laboratoire de Physique des 2 Infinis Irène Joliot-Curie)  
Bât. 100, F-91405 Orsay

## Séminaire de Physique Nucléaire Théorique

### Precision nuclear theory : advances and challenges

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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**

**11 :30**

**IJCLab, Bât. 100, Salle Bâtiment 100, Salle A015**