Université Paris-Saclay
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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.

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11 :30
IJCLab, Bât. 100, Salle Bâtiment 100, Salle A015