Université Paris-Saclay
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Séminaire de Physique Nucléaire Théorique

Electromagnetic Observables in Nuclei from First Principles

Sonia Bacca
(Johannes Gutenberg University Mainz)

Thanks to advances in many-body theory and high performance computing, nowadays we can calculate nuclear structure and reactions in a unified way for increasingly large systems. I will present recent highlights that portrait the role of ab-initio calculations of electromagnetic observables to tackle contemporary issues such as the nuclear equation of state, as well as giant and pigmy dipole resonances of stable and unstable nuclei.

Jeudi 19 Octobre 2023
14 :00
IJCLab, Bât. 100, Salle Salle A018 (IJCLab)