

SÉMINAIRE du PÔLE THÉORIE



LABORATOIRE DE PHYSIQUE DES DEUX
INFINIS IRÈNE JOLIOT-CURIE
Pôle de Physique Théorique
Bât. 100, F-91406 ORSAY CEDEX
Tél (33)-(0)1-6915-7330 - Fax (33)-(0)1-6915-7748

université
PARIS-SACLAY

Sonia Bacca

Johannes Gutenberg University Mainz, Germany

Electromagnetic Observables in Nuclei from First Principles

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.

*Thursday 19 October 2023,
14h00*

IJCLab, Build. 100, Room A018