

Theoretical Physics Division Seminar

Fundamental Research Department
NATIONAL CENTRE FOR NUCLEAR RESEARCH

14.12.2022 (Wednesday); Time: 11:15

The seminar is held in person
@ Pasteura 7, 207

Jaume Carbonell,

Université Paris-Saclay, IJCLab, France

Heavy H isotopes: theory ad experiments

ABSTRACT:

I will present an experimental and theoretical review of the H isotopic chain going from the simple deuteron to the observed, but highly contested, ${}^7\text{H}$ which is probably the very last observable H state. The difficulties in defining and extracting the resonance parameters as well as the different theoretical approaches to compute them will be discussed.

Best regards,

T. Altinoluk, M. Kowal, P. Małkiewicz, E. Sessolo, P. Zin