Theoretical Physics Division Seminar

[Fundamental Research Department](https://www.ncbj.gov.pl/en/node/1609)

**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, 7H 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*