

# **nu-ball hybrid spectrometer workshop 2016**

**jeudi 19 mai 2016 - vendredi 20 mai 2016**

## **Programme Scientifique**

The workshop is intended to discuss potential physics ideas for experiments using *nu-ball* at ALTO and will focus on several scientific themes related to the unique combination of detectors and available beams, including:

Coupling with the LICORNE directional fast neutron source to produce and study exotic nuclei

Fast-timing studies using the unique capabilities of LaBr<sub>3</sub> and pulsed (nanosecond) tandem beams

Coupling with the Orsay Universal Plunger System (OUPS) for simultaneous complimentary lifetime measurements

Coupling with the CORSET fission fragment detector for reaction mechanism studies or any other particle detectors that could be made available for experiments at ALTO