



ARIEL FINAL Workshop
17-19 January 2024

Auditorium I. Joliot-Curie - bldg 100A



ID de Contribution: 4

Type: **Non spécifié**

First experiments at the Neutrons For Science Facility

mercredi 17 janvier 2024 16:45 (25 minutes)

The neutrons for science (NFS) is the running facility of SPIRAL-2 located at GANIL (France). Its unique neutron beams in the 1-40 MeV range, produced by the interaction of proton or deuteron beams with lithium or beryllium converters, make NFS a perfect facility for fast neutron induced reaction studies. NFS is one of the installations of the ARIEL project. Several experiments have been performed since 2020 covering a large number of physics cases, from fundamental research to industrial applications. After a description of the facility, physics cases studied at NFS and some of the already performed experiments will be presented.

Auteur principal: LEDOUX, xavier (GANIL)

Orateur: LEDOUX, xavier (GANIL)

Classification de Session: Session 2