

# The HISPEC-DESPEC experiment

*lundi 12 mai 2025 14:35 (30 minutes)*

The HISPEC/DESPEC experiments, which are part of the NUSTAR scientific collaboration, are intended to address questions in nuclear structure, reactions and nuclear astrophysics by means of high-resolution in-flight spectroscopy (HISPEC) and stopped-beam experiments (DESPEC) at the GSI FRagment Separator (FRS) in FAIR Phase-0 and the future FAIR Super-FRS facility. Those studies require a combination of different setups, to address the multiple aspects and complexity of the nuclear structure. In this talk I will cover the existing setups and present some recent results.

**Author:** ALGORA, Alejandro (IFIC (CSIC-Univ. Valencia))

**Orateur:** ALGORA, Alejandro (IFIC (CSIC-Univ. Valencia))

**Classification de Session:** Session 1