

Scientific Workshop on nu-Ball2 2024 - Reports from the last campaign and prospects for future experiments



ID de Contribution: 28

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Future possibilities for gamma-ray spectroscopy of fission in direct kinematics

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The gamma ray spectroscopy of nuclear fission provides a very useful tool to study both the nuclear structure of neutron-rich nuclei and the fission process itself. Spectroscopy in direct kinematics allows the fission fragments to stop in 1-2 ps and hence allows spectroscopic study with the intrinsic resolution of Germanium without Doppler broadening. In this presentation I will focus on ideas for future experiments on fission spectroscopy and potential future projects at ALTO and other facilities such as EXOGAM@NFS and AGATA@Legnaro.

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Classification de Session: Presentation of parallel complementary activities in other facilities, perspectives for the future experiments and campaigns