

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



ID de Contribution: 22

Type: **Non spécifié**

Nuclear structure after slow neutron reactions at ILL

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Thermal neutron induced reactions are used at the Institut Laue-Langevin (ILL, Grenoble) with the high-resolution gamma-ray spectroscopy setup FIPPS (Fission Product Prompt gamma-ray Spectrometer). After a general introduction about the nuclear physics activities at ILL, recent results obtained in different experiments at FIPPS will be reported, including those using the innovative technique of fission tagging for the measurement of lifetimes of medium-high spin states in neutron-rich nuclei. The future perspectives for the coupling of the existing FIPPS setup to a fission-fragment identification system will also be outlined.

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