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Physics opportunities at VAMOS

Wednesday 5 December 2018 16:30 (30 minutes)

In this talk, the recent experimental program and physics opportunities at the large acceptance VAMOS++ spectrometer in GANIL will be presented. The development of the new detection systems of the spectrometer and their performances will be reported. Further recent results ranging from prompt and prompt-delayed gamma spectroscopy of isotopically identified fission fragments using the Advanced Gamma Ray Tracking Array (AGATA), VAMOS and EXOGAM to fission dynamics will be reported. Future experimental program including transfer reaction in inverse kinematics using MUGAST and AGATA at VAMOS++ will also be discussed.

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Session Classification: Other Facilities 1