

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



ID de Contribution: 6

Type: **Non spécifié**

The Warsaw SiLCA array - status and perspectives

mercredi 3 juillet 2024 17:15 (25 minutes)

The SiLCA reaction chamber was designed and developed at the HIL Warsaw to place a DSSD array in the backward scattering angles primarily for the Coulomb excitation studies, with the possibility of using it in different reactions, and with a future perspective of adding more detectors at other angles. It was first commissioned with the Nuball2+PARIS array in December 2022. In the period of January-July 2023 the Warsaw DSSD array was used in a series of experiments. After the campaign, it was shipped to Warsaw and after maintenance, upgrade, and bench-tests, it is ready to be used in the in-beam experiments at HIL Warsaw. In this talk, I will present the past, present, and perspectives of the SiLCA DSSD array.

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Classification de Session: Introduction to the workshop, presentation of detectors and devices