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## **Nuclear Structure and Reaction Studies at the FSU John D. Fox Laboratory**

*Monday, 19 August 2024 17:05 (25 minutes)*

In this invited contribution, I will present highlights from recent nuclear structure and reaction studies conducted at the John D. Fox Superconducting Linear Accelerator Laboratory at Florida State University. I will focus on light-ion induced reactions measured with the Super-Enge Split-Pole Spectrograph (SE-SPS) and its ancillary detector systems, including the CeBrA demonstrator for particle- $\gamma$  coincidence experiments and arrays of silicon detectors for coincident particle detection. In this part, I will also point out future possibilities for experiments with the SE-SPS and the newly commissioned triton beam at the Fox Laboratory. A few highlights from the first experimental campaigns with the combined CLARION2-TRINITY setup will also be presented.

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