

Contribution ID: 196

Type: **Parallel Session Presentation**

## Testing a new polarized target for CLAS12 at Jefferson Lab

*Thursday, 21 October 2021 09:05 (25 minutes)*

Run Group C comprises seven experiments utilizing the CLAS12 detector system in Hall B at Jefferson Lab aiming to study the multidimensional partonic structure of nucleons. The experiments will scatter electrons from polarized protons and neutrons in samples of solid  $\text{NH}_3$  and  $\text{ND}_3$ , dynamically polarized in a 5 T magnetic field and a temperature of 1 K. After a brief description of the target system, the current status of the target will be presented as will results of recent tests in the laboratory of the Jefferson Lab Target Group.

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**Session Classification:** Polarized Sources and Targets

**Track Classification:** Parallel Sessions: Polarized Sources and Targets