

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 NH₃ and ND₃, 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.

Primary author: Dr KEITH, Christopher (Jefferson Lab)

Presenter: Dr KEITH, Christopher (Jefferson Lab)

Session Classification: Polarized Sources and Targets

Track Classification: Parallel Sessions: Polarized Sources and Targets