

Session Program

Sep 22 - 27, 2024



2024 Workshop on Polarized Sources, Targets, and Polarimetry

Novel Spin Applications and Tools

Jefferson Lab, Cebaf Center Auditorium
12000 Jefferson Ave. Newport News, VA 23606

Thu, September 26

9:00 AM

Novel Spin Applications and Tools

Session | **Location:** Jefferson Lab, Cebaf Center Auditorium, 12000 Jefferson Ave. Newport News, VA 23606 | **Convener:** Riad Suleiman

9:00 - 9:20 AM

Polarization REsearch for Fusion Experiments and Reactors - The PREFER collaboration: aims, goals and present status

Speaker

Prof. Giuseppe Ciullo

9:20 - 9:40 AM

Preparations at Jefferson Lab for a Spin Polarized Fusion Program

Speaker

Xiangdong Wei

9:40 - 10:00 AM

A facility for testing bulk superconducting hollow MgB₂ cylinders for the production and shielding of magnetic fields for polarized targets and nuclear fusion fuels

Speaker

Prof. Giuseppe Ciullo

10:00 - 10:20 AM

AI-Optimized Polarization at Jefferson Lab

Speaker

Patrick Moran

10:20 AM