

# **Tensor spin observables**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Registration

*Monday, 10 July 2023 10:00 (30 minutes)*

Contribution ID: 2

Type: **not specified**

## Welcome

*Monday, 10 July 2023 10:30 (10 minutes)*

Contribution ID: 3

Type: **not specified**

## Overview / Perspective: Experiment

*Monday, 10 July 2023 10:40 (45 minutes)*

**Presenter:** SLIFER, Karl (University of New Hampshire, Unites States)

Contribution ID: 4

Type: **not specified**

## Overview / Perspective: Theory

*Monday, 10 July 2023 11:25 (45 minutes)*

**Presenter:** COSYN, Wim (Ghent University)

Contribution ID: 6

Type: **not specified**

## **Structure functions of the spin -1 deuteron**

*Monday, 10 July 2023 14:00 (45 minutes)*

**Presenter:** KUMANO, Shunzo (Japan Women's University / KEK)

Contribution ID: 7

Type: **not specified**

## Higher Twists Effects for the b1 Experiment

*Monday, 10 July 2023 14:45 (45 minutes)*

**Presenter:** ZEC, Allison (University of New Hampshire)

Contribution ID: 8

Type: **not specified**

## **JLab Upcoming Schedule and Future Plans (+ discussion)**

*Monday, 10 July 2023 16:00 (1 hour)*

**Presenter:** HIGINBOTHAM, Douglas (Jefferson Lab, United States)



Contribution ID: 9

Type: **not specified**

## Deuteron Deeply Virtual Exclusive Observables

*Thursday, 13 July 2023 11:00 (45 minutes)*

**Presenter:** LIUTI, Simonetta (University of Virginia)

Contribution ID: 11

Type: **not specified**

## **General relations involving the tensor structure functions of a spin-1 target**

*Tuesday, 11 July 2023 11:00 (45 minutes)*

**Co-author:** PASCALUTSA, Vladimir (Institut für Kernphysik, Johannes Gutenberg-Universität Mainz)

**Presenter:** BILOSHYTSKYI, Volodymyr (KPH JGU Mainz)

Contribution ID: 12

Type: **not specified**

## **Polarized Target Nuclear Magnetic Resonance Measurements with Deep Learning**

*Tuesday, 11 July 2023 14:00 (45 minutes)*

**Presenter:** SEAY, Devin (University of Virginia)

Contribution ID: 13

Type: **not specified**

# High-Field Instrumentation for EPR and DNP Spectroscopy

*Tuesday, 11 July 2023 14:45 (45 minutes)*

**Presenter:** MALY, Thorsten (Bridge12 Magnetic Resonance LLC)

Contribution ID: 14

Type: **not specified**

## **Vector- and tensor-deuteron legacy of NIKHEF and MIT-Bates**

*Wednesday, 12 July 2023 09:00 (45 minutes)*

**Presenter:** SIRCA, Simon (Faculty of Mathematics and Physics, U of Ljubljana)

Contribution ID: 15

Type: **not specified**

## **Azz and T20 Measurements at JLab**

*Tuesday, 11 July 2023 09:45 (45 minutes)*

**Presenter:** LONG, Elena (University of New Hampshire, United States)

Contribution ID: 16

Type: **not specified**

## **Light cone dynamics of polarized deuteron**

*Thursday, 13 July 2023 09:00 (45 minutes)*

**Presenter:** STRIKMAN, Mark (Penn State university)

Contribution ID: 17

Type: **not specified**

## **Probing non-nucleonic components in tensor polarized deuteron**

*Thursday, 13 July 2023 09:45 (45 minutes)*

**Presenter:** Prof. SARGSIAN, Misak (Florida International University)



Contribution ID: **18**

Type: **not specified**

## Calculations for D(e,e'p) Spin Observables

*Wednesday, 12 July 2023 16:00 (45 minutes)*

**Presenter:** JESCHONNEK, Sabine (The Ohio State University)

Contribution ID: 19

Type: **not specified**

## **Performance of JLab's Polarized NH<sub>3</sub> and ND<sub>3</sub> Targets for Run Group C**

*Wednesday, 12 July 2023 14:45 (45 minutes)*

**Presenter:** MAXWELL, James (Jefferson Lab)

Contribution ID: 20

Type: **not specified**

## **A conceptual design to meet beam current monitoring requirements**

*Wednesday, 12 July 2023 14:00 (45 minutes)*

**Presenter:** MACK, David (TJNAF)

Contribution ID: **21**

Type: **not specified**

## **Azz/b1 jeopardy discussion**

*Wednesday, 12 July 2023 17:05 (1 hour)*

Contribution ID: 22

Type: **not specified**

## Technical Challenges of Spin Physics at the EIC

*Wednesday, 12 July 2023 11:00 (45 minutes)*

**Presenter:** HIGINBOTHAM, Douglas (Jefferson Lab, United States)

Contribution ID: 23

Type: **not specified**

## **Polarized deuteron physics at EIC**

*Wednesday, 12 July 2023 11:45 (45 minutes)*

**Presenter:** WEISS, Christian (Jefferson Lab)

Contribution ID: 24

Type: **not specified**

## Exclusive Tensor Polarized $d(e,e'p)$

*Thursday, 13 July 2023 11:45 (45 minutes)*

**Presenter:** YERO, Carlos (Old Dominion University)

Contribution ID: 25

Type: **not specified**

## Modern Measurement Tools

*Wednesday, 12 July 2023 09:45 (45 minutes)*

**Presenters:** KELLER, Dustin (University of Virginia, United States); KELLER, dustin (University of Virginia)



Contribution ID: 26

Type: **not specified**

## **Diquarks and Hidden Color Effects on Spin Observables**

*Tuesday, 11 July 2023 11:45 (45 minutes)*

**Presenter:** RITTENHOUSE WEST, Jennifer (Lawrence Berkeley National Laboratory)

Contribution ID: 27

Type: **not specified**

## **A New NMR System for JLab Solid Polarized Targets**

*Friday, 14 July 2023 09:00 (45 minutes)*

**Presenter:** MAXWELL, James (Jefferson Lab)

Contribution ID: 28

Type: **not specified**

## Spin-1 Observables with Drell-Yan Process

*Friday, 14 July 2023 09:45 (45 minutes)*

**Presenter:** FERNANDO, Ishara (University of Virginia)

Contribution ID: 29

Type: **not specified**

## Final Discussions

*Friday, 14 July 2023 11:30 (1 hour)*

Contribution ID: **30**

Type: **not specified**

## **DNP @ UNH: Vector and Tensor Polarization Extraction from Line-Shape Analysis**

*Friday, 14 July 2023 11:00 (30 minutes)*

**Presenter:** MCCLELLAN, Michael (University of New Hampshire)

Contribution ID: **31**

Type: **not specified**

## General Target Discussion

*Tuesday, 11 July 2023 16:00 (30 minutes)*

Contribution ID: **32**

Type: **not specified**

## **Modern Measurement Tools part II**

*Wednesday, 12 July 2023 16:45 (20 minutes)*

**Presenter:** KELLER, Dustin