

**Session Program**

**Jul 25 - 26, 2024**

**2024 Wright Lab Summer Research  
Symposium**

***Friday, July 26***

## Fri, July 26

9:15 AM	<b>Friday, July 26: Elisa Kim (Helen Caines), "Image Analysis and Segmentation with Scintillating Tiles of the LHCcal"</b> Session
9:30 AM	
9:30 AM	<b>Friday, July 26: Lily Shukla (Prakhar Garg), "Automation of Tile Scanning and Silicon Photomultiplier Characterization Set-Up"</b> Session
9:45 AM	
9:45 AM	<b>Friday, July 26: Katie Driscoll (Prakhar Garg), "Design and Assembly of a Faraday Dark Box for the Characterization of Scintillating Tiles"</b> Session
10:00 AM	
10:00 AM	<b>Friday, July 26: Austin Rosypal (Helen Caines), "Investigating the Path-Length Dependence of Jet Energy Loss in the Quark-Gluon Plasma"</b> Session
10:15 AM	
10:15 AM	<b>Friday, July 26: Daniel Zhang (Laura Havener), "Implementation of a testing station to characterize photosensors for the proximity focusing Ring Imaging Cherenkov Detector (pFRICH) for the Electron-Proton/Ion Collider (ePIC) Collaboration"</b> Session
10:30 AM	
10:30 AM	<b>Friday, July 26: Iris Henry (Ian Moulton), "Using Energy-Energy Correlators to Explore QCD Strings"   Recording</b> Session
10:45 AM	
10:45 AM	<b>Friday, July 26: Max Colomer &amp; Silvia Wang (Paul Tipton), "Testing Procedures for ATLAS ITk Stave Cores"</b> Session
11:15 AM	
11:15 AM	<b>Friday, July 26: Michael Mann (Benjamin Brock), "Modeling Measurement and Errors on GKP States"</b> Session
11:30 AM	
11:30 AM	<b>Friday, July 26: Xavier Gilbert (Nishaad Khedkar), "Creating an Interface for Quantum Measurements"</b> Session
11:45 AM	
11:45 AM	<b>Friday, July 26: Daequan Peele (Qile Su), "Twirling Coherent Errors via Non-ideal Teleportation"</b> Session
12:00 PM	
12:00 PM	<b>Friday, July 26: Karl Bilston (Steven Girvin, Daniel Weiss), "Quantum Circuits"</b> Session
12:15 PM	

1:00 PM

**Friday, July 26: Reagen Garcia (Karsten Heeger), "Muon Veto Panel Uniformity Tests for CUORE and CUPID"**

Session

1:15 PM

1:15 PM

**Friday, July 26: Aaron Chizhik (Karsten Heeger), "Light Detector R&D for CUORE/CUPID"**

Session

1:30 PM

1:30 PM

**Friday, July 26: Kelly Dai (Reina Maruyama), "ALPHA-DAQ: Data Acquisition System for the Axion Longitudinal Plasma HALoscope"**

Session

1:45 PM

1:45 PM

**Friday, July 26: Andrew Kim (Steve Lamoreaux), "Inductance of a Single Loop of Wire using Laplace EQ & Numerical Methods"**

Session

2:00 PM

2:00 PM

**Friday, July 26: Ronald Thorpe (David Moore), "Outgassing of Electronegative Impurities within Materials Used in the nEXO Neutrinoless Double Beta Decay Detector"**

Session

2:15 PM