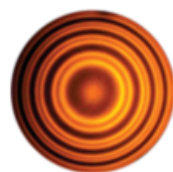


# **MASTER SCHEDULE**



INTERNATIONAL YEAR OF  
Quantum Science  
and Technology



ALPh  
Advanced Laborat

# ALPhA Coordinated Regional Meeting

Monday, June 16, 2025

## Agenda

ALL TIMES ARE IN **PACIFIC DAYLIGHT TIME**

| Time     | Speaker  | Description   | Location                | Duration |
|----------|--|---|-------------------------|----------|
| 10:30 AM | Merideth Frey<br><i>Sarah Lawrence College</i>   | Welcome and Plenary<br>Speaker Intro  | Main Zoom Room          | 15 min   |
| 10:45 AM | Emily Easton<br><i>Chicago Quantum Exchange</i>  | <a href="#">Plenary Talk</a>  | Main Zoom Room          | 45 min   |
| 11:30 AM | Merideth Frey<br><i>Sarah Lawrence College</i>   | Panelist Intros   | Main Zoom Room          | 30 min   |
| 11:45 AM | Jed Brody, <i>Emory University</i><br>Kiko Galvez, <i>Colgate University</i><br>David Van Baak, <i>TeachSpin</i><br>Ben Zwickl, <i>RIT</i> | Panel Q&A   | Main Zoom Room          | 30 min   |
| 12:15 PM | Merideth Frey<br><i>Sarah Lawrence College</i>   | Closing Remarks   | Main Zoom Room          | 30 min   |
| 12:30 PM | Michael Ray, <i>Far West</i><br>Nathan Powers, <i>Four Corners</i><br>Alessandro Cunsolo, <i>Prairie</i>                                   | Regional Discussions and<br>Networking                                      | Regional Breakout Rooms | 30 min   |
| 1:00 PM  | Randy Dumas<br><i>Quantum Design</i>   | VersaLab: A portable,<br>cryogen-free material<br>characterization platform | Far West Breakout Room  | 30 min   |
|          | Alessandro Cunsolo<br><i>UW-Madison</i>  | Quantum Physics<br>Experiments at UW-Madison                                | Prairie Breakout Room   | 30 min   |
| 1:30 PM  | Adam Fritsch<br><i>Gonzaga University</i>  | Beyond Silos: Advancing<br>Pedagogy Through ConCEPT                         | Far West Breakout Room  | 30 min   |
|          | Ping Yu<br><i>University of Missouri</i>   | Homemade Spatial Light<br>Modulator for Undergraduate<br>Laboratory         | Prairie Breakout Room   | 30 min   |

| Time    | Speaker  | Description   | Location               | Duration |
|---------|--|---|------------------------|----------|
| 2:00 PM | Sara Callori and<br>Emanuel Soto Suarez<br><i>CSU San Bernardino</i> | Designing and Building a<br>Low-Cost Spin Coater for<br>Thin Film Projects                            | Far West Breakout Room | 30 min   |
| 2:30 PM | Michael Ray<br><i>CSU Sacramento</i>                                 | Reviving the Journal of the<br>Advanced Undergraduate<br>Physics Laboratory<br>Investigation (JAUPLI) |                        | 30 min   |

# Plenary Talk

## **Training for Tomorrow: Fueling Quantum Innovation with Hands-On Experience**

As quantum information science and technology (QIST) transitions from research frontier to applied enterprise, demand is growing for a workforce that is not only conceptually aware but, perhaps more importantly, also technically prepared. In this keynote, Emily Easton of the Chicago Quantum Exchange will explore how advanced laboratory physics instruction plays a pivotal role in preparing students for emerging roles in quantum science, engineering, and adjacent fields. Drawing on national and regional data, the talk will highlight trends in where QIST-related education is currently concentrated and the resulting equity and access challenges this presents. The keynote will also spotlight initiatives designed to bridge these institutional and experiential gaps, including efforts to expand hands-on training opportunities beyond traditional R1 settings. Finally, Emily will reflect on how specific career pathways benefit from deep engagement with experimental practice—underscoring the critical role physics educators already play in shaping the next generation of the quantum workforce.