

CSAAPT Spring 2025 Semi-Virtual Meeting

Saturday, April 5, 2025

L003: Morning Session 1 (Chair: James Freericks) (10:00 AM - 11:00 AM)

time	[id] title	presenter
10:00 AM	[3] Quantum Education Experiment: Active Physics for Level 1 English Learners	YOUMANS, Russell
10:15 AM	[17] Quantum Resources for K-16	ROSENBERG, Jessica HOLINCHECK, Nancy
10:30 AM	[21] Designing a K-12 Course in Quantum Information Science	ROSENBERG, Jessica HOLINCHECK, Nancy
10:45 AM	[24] A Simple Model to Explain The Photon	MURDOCK, Maajida

L003: Morning Session 2 (Chair: Gerald Feldman) (11:15 AM - 12:15 PM)

time	[id] title	presenter
11:15 AM	[1] How to use quantum computing to illustrate important single quantum experiments for quantum instruction	FREERICKS, James
11:30 AM	[8] Quantum Entanglement Pedagogy	HILBORN, Robert
11:45 AM	[12] Balancing Mathematical Formalism and Experimentation Discussions in Quantum Mechanics: Student Perspectives on Learning and Quantum Measurement	TRAN, Jason
12:00 PM	[14] Bridging the Math-Physics Gap: Strengthening STEM Readiness with PUM and ISLE	AKAMINE, Andres

L003: Afternoon Session (Chair: Kent Yagi) (2:45 PM - 3:45 PM)

time	[id] title	presenter
2:45 PM	[20] Fun Ways to Present Diffraction Grating Patterns in the Classroom	TOBIAS, William A.
3:15 PM	[11] Defying Gravity	HILGENDORF, Henry TAKEUCHI, Tatsu