Arizona Quantum Boot Camp

June 11 - 14, 2024
Hosted at The University of Arizona

This tri-university Arizona Quantum Boot Camp will be geared toward undergraduate students curious about quantum science.

The event will feature lectures, tutorials and talks providing a basic introduction to quantum mechanics and giving a glimpse of research at the frontiers of the field.

Topics to be covered include: Quantum state, Quantum Superposition, Quantum operators, Wave-particle duality, Double-slit experiment, Qubits, Bloch sphere representation, Quantum Entanglement, Introduction to quantum light, Introduction to Quantum Computing, Introduction to atom-photon interactions

Lecturers will include:
Dr. Christian Arenz, Arizona State University
Dr. Ryan Behunin, Northern Arizona University
Dr. Kanu Sinha, The University of Arizona

Confirmed Speakers:
Dr. Alicia Magann
Dr. Daniel Soh
Dr. Mohamed ElKabbash
Dr. Dal Wilson

Interested parties can apply here:

Sponsored by:
Center for Quantum Networks
NSF Engineering Research Center
Arizona Quantum Initiative
ASU Quantum Collaborative