

Quantum Information Science Career Fair Agenda

September 14th, 2022

Time

Topic

11:00 – 11:05 a.m.

Welcome & Opening Remarks

Thomas Searles, Associate Professor, Electrical and Computer Engineering, University of Illinois Chicago (Event Host)

11:05 – 11:15 a.m.

Quantum Information Science in the Department of Energy's Office of Science

Ceren Susut, Ph.D., Director, Computational Science Research & Partnerships, Advanced Scientific Computing Research, Office of Science, Department of Energy

11:15 – 11:30 a.m.

Quantum Market Overview

Corey Stambaugh, Sr. Policy Advisor for the National Quantum Coordination Office at White House Office of Science and Technology Policy

11:30 – 12:15 p.m.

Panel Discussion – Meet the Department of Energy's National Quantum Information Science Research Centers

Moderator: Christie Chiu, Postdoctoral Research Associate, Houck, Lab, Princeton University

Andrew Houck, Director, Co-design Center for Quantum Advantage (C²QA)

David Awschalom, Director Q-NEXT

Rick Muller, Deputy Director, Quantum Systems Accelerator (QSA)

Travis Humble, Director, Quantum Science Center (QSC)

Anna Grassellino, Director, Superconducting Quantum Materials and Systems (SQMS)

12:15 – 12:45 p.m.

Panel Discussion – Quantum Careers at the Department of Energy National Laboratories

Moderator: Gerwin Koolstra, Postdoctoral Associate, Berkeley Lab

Silvia Zorzetti, Deputy Head, Quantum Computing Co-Design Department at Fermilab / Superconducting Quantum Materials and Systems (SQMS)

Phil Smith, Strategic Programs Manager, Argonne National Laboratory

Jake Douglass, Quantum Strategy and Program Development, Sandia National Laboratory

Stephen Jesse, Interim Deputy Director, Quantum Science Center (QSC)

Elspeth McSweeney, Director, Growth Office, Brookhaven National Laboratory

12:45 – 1:00 p.m.

BREAK (Visit Exhibit Booths)

1:00 – 1:30 p.m.

Panel Discussion – Quantum Careers in Industry

Moderator: Teague Tomesh, Research Assistant, Princeton University

Kayla Lee, Product Manager, Strategic Alliances, IBM Quantum

Kristen Pudenz, Principal Quantum Scientist, ATOM Computing

Thaddeus Ladd, Principal Scientist & Co-design Engineer, HRL Laboratories

Max Perez, Vice President, Research and Security Solutions, ColdQuanta

1:30 – 2:00 p.m.

Meet a Quantum Information Science Professional - Interact with scientists, engineers, technicians, information technology, and non-STEM professionals such as marketers, business development, and many others to learn about their roles and get your questions answered.

Scientist Session:

Andi Barbour, X-Ray Scientist, Brookhaven National Laboratory

Benjamin Spaun, R&D Manager, Honeywell Quantum Solutions

Mohan Sarovar, Quantum Information Scientist, Sandia National Laboratory

Ray Samuel, Professor, North Carolina Agricultural and Technical State

Marco Cerezo, Staff Scientist, Los Alamos National Laboratory

Engineer Session:

Mariia Mykhailova, Principal Software Engineer, Microsoft

Dan Forino, Division Manager - Integrated Facility Management, Facilities & Operations, Brookhaven National Laboratory

Mollie Schwartz, Assistant Group Leader, MIT-Lincoln Laboratory

Farah Fahim, Deputy Division Head, Fermi Quantum Institute, Fermilab

Technician Session:

Peter Duda, Technical Director, Pritzker Nanofabrication Facility, University of Chicago

Stefano Giorgio, Technical Associate, Electro-Mechanical, Brookhaven National Laboratory

IT & Cybersecurity Session:

Matt Kwiatkowski, Deputy Chief Information Security Officer, Argonne National Laboratory

Nadia Carlsten, Vice President of Product, SandboxAQ

Mohd Anwar, Professor of Computer Science Director, Quantum Computing Research Center | Human-Centered AI (HCAI) Lab | Center for Advanced Studies in Identity Sciences, North Carolina A&T State University

Terrill Frantz, Associate Professor of eBusiness & Cybersecurity, Harrisburg University

Non-STEM Session:

2:00 – 3:00 p.m.

Leah Hesla, Integrated Science & Technology Communication Manager, Argonne National Laboratory

Kortny Rolston-Duce, Director of Partner Programs, ATOM Computing

Jake Douglass, Quantum Strategy and Program Development, Sandia National Laboratory

Kimberly McGuire, Operations Manager, C²QA

Undergraduate Workshop – Learn about what courses to take to build quantum knowledge, what to look for in graduate programs, how to differentiate yourself when applying for internships / grad school, and finding a mentor to guide your educational path.

Moderator: Morris Yang, PhD Student, Purdue University

Olivia Lanes, Quantum Researcher and North American Lead, Qiskit and Education, IBM

Leah Weiss, Postdoctoral Scholar, University of Chicago Pritzker School of Molecular Engineering

David Biersach, Senior Technical Architect, Brookhaven National Laboratory

Kiera Peltz, Founder and CEO, The Coding School Executive Director, Qubit by Qubit and TRAIN

Mohammad Delower, Postdoctoral Researcher, Pacific Northwest National Laboratory

Graduate / Post doc Workshop – Learn best practices to differentiate yourself when applying for a job, understanding what drives you to find a career path that best suits you goals, where to look for a job and more awareness about the job process and how you might transfer your skills sets into a quantum career.

Moderator: Gregory Grant, Graduate Student, University of Chicago

Michael DeMarco, Postdoctoral Researcher, Co-design Center for Quantum Advantage

Megan Ivory, Senior Member, Technical Staff, Sandia National Laboratory

Michele Nematic, Talent Acquisition Manager, Brookhaven National Laboratory

Alexander Senichev, Postdoctoral Research Associate, Purdue University

Akshay Murthy, Quantum Associate Scientist, Fermi National Accelerator Laboratory

Terrill Frantz, Associate Professor of eBusiness & Cybersecurity, Harrisburg University

3:00 – 5:00 p.m.

Exhibit Booths & Networking