

C²QA All-Hands Meeting & Poster Session

Wednesday, November 10, 2021
9:00 a.m. – 6:00 p.m. ET

<u>Time</u>	<u>Topic / Speakers</u>
11:00 a.m. – 11:20 a.m.	Welcome and Overview of the Center Andrew Houck, Director C ² QA
11:20 a.m. – 11:40 a.m.	DOE Perspectives on Quantum Information Science Ceren Susut, Ph.D., Director, Computational Science Research & Partnerships, Advanced Scientific Computing Research, Office of Science, Department of Energy
11:40 a.m. – 11:50 a.m.	Break
11:50 a.m. – 12:15 p.m.	Materials Thrust Flash Talks Will Oliver, Ph.D., Associate Professor, Electrical Engineering and Computer Science; Laboratory Fellow, Lincoln Laboratory; Director, Center for Quantum Engineering; Associate Director, Research Laboratory of Electronics, Massachusetts Institute of Technology Mingzhao Liu, Ph.D., Staff Scientist, Brookhaven National Laboratory, C ² QA; Adjunct Professor at the Department of Materials Science and Chemical Engineering of Stony Brook University
12:15 p.m. – 12:45 p.m.	Materials Thrust: In Depth Aveek Dutta, Ph.D., Post-Doctoral Research Associate, Princeton University
12:45 p.m. – 1:15 p.m.	Break
1:15 p.m. – 1:25 p.m.	Outreach, Education & Workforce Development: Overview of Activities & Needs for Coming Year Diana Murphy, Outreach, Education, & Workforce Development C ² QA

1:25 p.m. – 1:35 p.m.

Getting Involved in the Center

Kai-Mei Fu, Ph.D., Deputy Director C²QA; Associate Professor, Electrical Engineering, Co-chair of the Interdisciplinary QuantumX Initiative, Director of the Optical Spintronics and Sensing Laboratory, University of Washington; Materials Science, Pacific Northwestern National Laboratory (Joint Appointment)

1:35 p.m. – 2:00 p.m.

Devices + Networks Thrust Flash Talks

Jeff Thompson, Ph.D., Assistant Professor, Electrical Engineering, Princeton University

Michael Hatridge, Ph.D., Assistant Professor of Physics University of Pittsburgh

2:00 p.m. – 2:30 p.m.

Devices + Networks: In Depth

Nicholas Frattini, Ph.D., Post-Doctoral Research Associate, Yale University

2:30 p.m. – 2:40 p.m.

Data Science Talk

Nathan Wiebe, Ph.D., Assistant Professor University of Toronto; Senior Scientist, Pacific Northwest National Laboratory (Joint Appointment)

2:40 p.m. – 2:50 p.m.

Break

2:50 p.m. – 3:15 p.m.

Software Thrust Flash Talks

Steven Girvin, Ph.D., Eugene Higgins Professor of Physics & Applied Physics, Yale University

Troy Van Voorhis, Ph.D., Department Head and Haslam and Dewey Professor of Chemistry, Massachusetts Institute of Technology

3:15 p.m. – 3:45 p.m.

Software Thrust: In Depth

Theodore Yoder, Ph.D., Research Staff, IBM T.J. Watson Research Center

3:45 p.m. – 4:00 p.m.

Closing Remarks, Acknowledgments, and Invitation to Poster Session

Jim Misewich, Ph.D., Associate Laboratory Director, Energy & Photon Sciences, Brookhaven National Laboratory

4:00 p.m. – 4:30 p.m.

Poster Session, Group A

4:30 p.m. – 5:00 p.m.

Poster Session, Group B

Poster Sessions Open from 9:00 a.m. – 6:00 p.m. ET