



Day One - January 23, 2023

Begin	Topic
8:30am	Pre-function Registration, North Ballroom
9:00am	Joint Welcome, North Ballroom <i>University of Washington Provost Mark Richards (University of Washington)</i>
9:10am	Opening Keynote, North Ballroom <i>Charles Tahan (The White House Office of Science & Technology Policy)</i>
Split into Business (South Ballroom) or Scientific Track (North Ballroom)	
Business Track – South Ballroom	
Begin	Topic
9:40am	<u>Economic Development across Quantum Industries</u> / Talks <i>Stephanie Scott (Washington State Dept of Commerce), Nirav Desai (Moonbeam Exchange), Kelly Fukai (Washington Technology Industry Association), Kannan Krishnaswami (Pacific Northwest National Laboratory), Luke Mauritsen (Montana Instruments), Nardo Manaloto (Qubits Ventures)</i>
10:20am	Joint Coffee and Networking, North Ballroom
10:35am	<u>Economic Development across Quantum Industries</u> / Panel <i>Stephanie Scott, Nirav Desai, Kelly Fukai, Kannan Krishnaswami, Luke Mauritsen, Nardo Manaloto</i>
11:05am	<u>Building the Next Generation of Quantum Computers in the PNW: IonQ's Commitment to Seattle for Future System Production</u> / Talk <i>Peter Chapman (IonQ)</i>
11:25am	<u>Quantum Startups & Running a Quantum Company</u> / Panel <i>Jordan Shapiro (IonQ), Arka Majumdar (UW), Justin Ging (Atom Computing), Ryan Buckmaster (CoMotion at UW)</i>
Scientific Track – North Ballroom	
Begin	Topic
9:40am	<u>Scientific Workloads – Accelerating Chemical & Materials Science Discovery</u> / Talk <i>Nathan Baker (Microsoft)</i>
10:00am	<u>Scientific Workloads – Scientific Workloads in Quantum Machine Learning</u> / Talk <i>Carlos Ortiz Marrero (PNNL)</i>
10:35am	<u>Scientific Workloads – Toward Quantum Simulation of Fundamental Physics</u> / Talk <i>Martin Savage (UW)</i>
11:05am	<u>Photonic Technologies</u> / Talks <i>Brian Saam (Washington State University), Brian Smith (University of Oregon), Kirk Madison (University of British Columbia)</i>
11:45am	<u>Photonic Technologies</u> / Panel <i>David Allcock (UO), Sara Mouradian (UW), Brian Saam, Brian Smith, Kirk Madison</i>
Both Tracks join in North Ballroom for remaining Day 1 sessions	
12:15pm	Lunch and Networking (North Ballroom)



1:15pm	<u>Workforce Development - Teaching Quantum Computing using Q# and Azure Quantum at Northeastern University</u> / Talk <i>Mariia Mykhailova (Microsoft)</i>
1:30pm	<u>Workforce Development - iSciMath at WSU: Training a New Generation of Researchers</u> / Talk <i>Kevin Vixie (WSU)</i>
1:40pm	<u>Workforce Development - Accelerating Quantum-Enabled Technologies: A Graduate Certificate in Quantum Information Science and Technology</u> / Talk <i>Kai Mei Fu (UW)</i>
1:50pm	<u>Workforce Development - Diversifying Talent in Quantum Computing</u> / Talk <i>Ella Meyer (UBC)</i>
2:05pm	<u>Workforce Development</u> / Panel <i>Charlie Marcus (Niels Bohr Institute, UW), Mariia Mykhailova, Kevin Vixie, Michael Forbes (WSU), Kai-Mei Fu, Ella Meyer, Ben Koltenbah (Boeing), and David Steuerman (IonQ)</i>
2:40pm	Coffee and Networking (North Ballroom)
3:00pm	<u>NQN Momentum</u> / Talk <i>Arka Majumdar</i>
3:15pm	<u>NQN Momentum and Member Partner</u> / Talks <i>David Allcock, Nicole Barberis (IonQ), Michael Forbes, Sebastian Hassinger (AWS), Marna Kagele (Boeing)</i>
4:00pm	Closing Keynote <i>Louis Terminello (PNNL)</i>
4:15pm	Reception – Refreshments & Posters (South Ballroom), Light Dinner (North Ballroom)



Day 2 - January 24, 2023

Begin	Topic
8:30am	Pre-function Registration, North Ballroom
9:00am	Opening Keynote, North Ballroom The Path to Quantum at Scale <i>Krysta Svore (Microsoft)</i>
Split into Business (South Ballroom) or Scientific Track (North Ballroom)	
Business Track – South Ballroom	
Begin	Topic
9:30am	<u>Findings from the Washington State Quantum Industry Market Landscape Report</u> / Talk <i>Nirav Desai, Nick Ellingson (WTIA)</i>
10:10am	<u>Top 3 Business Questions about Quantum Computation</u> / Talk <i>Wim van Dam (Microsoft)</i>
10:40am	Coffee and Networking (North Ballroom)
10:50am	<u>The Importance of the Research Community to NISQ-Era Quantum Computing</u> / Talk <i>Sebastian Hassinger</i>
11:50am	Q&A <i>Sebastian Hassinger</i>
Scientific Track – North Ballroom	
Begin	Topic
9:30am	<u>Co-Design for Algorithms & Architectures</u> / Talks <i>Yufei Ding (UCSB), Olivia Di Matteo (UBC)</i>
10:10am	<u>Co-design for Algorithms & Architectures</u> / Panel <i>Ang Li (PNNL), Yufei Ding, Olivia Di Matteo, Yunong Shi (AWS), Norman Tubman (NASA)</i>
10:50am	<u>Fab & Characterization to Advance Quantum Computing</u> / Talks Mesoscopic Quantum Simulators, <i>Charlie Marcus</i> Silicon Colour Centres for Quantum Information, <i>Daniel Higginbottom (Simon Fraser University)</i> A Nuclear Physicist's Guide to Quantum Computing, <i>Brent VanDevender (PNNL)</i>
11:30am	<u>Fab & Characterization to Advance Quantum Computing</u> / Panel <i>Kai-Mei Fu, Charlie Marcus, Daniel Higginbottom, Brent VanDevender, Mark Kuzyk (WSU)</i>
Both Tracks join in North Ballroom for remaining Day 2 sessions	
12:00pm	<u>Making Quantum Impactful and Accessible for All</u> <i>A Chat with Matthias Troyer (Microsoft) hosted by Ewin Tang (UW)</i>
12:30pm	<u>Hack Recap & Awards / Closing Keynote</u> <i>Matt Zanner (Microsoft) and Mari Ostendorf (UW)</i>
12:45pm	Refreshments & Lunch (North Ballroom)