

FRONTIERS IN QUANTUM COMPUTING
Agenda

	Oct. 18 MONDAY	Oct. 19 TUESDAY	Oct. 20 WEDNESDAY
7:30 AM	Coffee/Tea & Refreshments	Coffee/Tea & Refreshments	Coffee/Tea & Refreshments
8:00 AM	Welcome/Introduction	Session IV: Quantum Simulation and Metrology Chair: Leonard Kahn Speaker: Travis Humble (ORNL) Speaker: Jeremy Levy (Pitt/PQI)	Session VII: Quantum Algorithms Chair: Christopher Savoie Speaker: Alán Aspuru-Guzik (Univ. of Toronto) Speaker: Umesh Vazirani (Berkeley)
8:15 AM	Session I: National Quantum Initiative Chair: Vanita Srinivasa Speaker: Jake Taylor (NIST/UMD/JQI/QuICS)		
8:30 AM			
8:45 AM	Speaker: Rick Muller (Sandia)		
9:00 AM			
9:15 AM			
9:30 AM	BREAK	BREAK	BREAK
9:45 AM	Speaker: Rhode Island Senator Jack Reed	Speaker: Amir Yacoby (Harvard)	Session VIII: Quantum Computing in Industry 1 Chairs: Leonard Kahn, Vanita Srinivasa Speaker: Christopher Savoie (Zapata)
10:00 AM	Introduction by URI President Marc Parlange		
10:15 AM	Session II: QIS Education 1 Chair: Jake Taylor Speaker: Chandralekha Singh (Pitt)	Session V: QIS Education 2 Chair: Chandralekha Singh Speaker: Robert Joynt (Wisconsin)	Speaker: Andrew King (D-Wave)
10:30 AM			
10:45 AM			
11:00 AM	Speaker: Corey Stambaugh (OSTP)	Speaker: Charles Robinson (IBM)	Speaker: Stephanie Simmons (SFU/Photonic)
11:15 AM			
11:30 AM	Speaker: Emily Edwards (IQUIST)	Speaker: Kiera Peltz (Qubit by Qubit)	Speaker: Emily Pritchett (IBM)
11:45 AM			
12:00 - 1:45 PM	Lunch (Sponsored by D-Wave) - Higgins Posters	Lunch (Attendees on their own for lunch) Posters	Lunch (Attendees on their own for lunch) Posters
2:00 PM	Session III: Quantum Computing Implementations 1 Chair: Jason Petta Speaker: Lieven Vandersypen (TU Delft)	Session VI: Quantum Computing Implementations 2 Chair: Vanita Srinivasa Speaker: Jason Petta (Princeton)	Session IX: Quantum Computing Implementations 3 Chair: Vanita Srinivasa Speaker: Mark Eriksson (Wisconsin)
2:15 PM			
2:30 PM			
2:45 PM		Speaker: Ferdinand Kuemmeth	Speaker: Will Oliver (MIT/Lincoln Lab)
3:00 PM	Speaker: Chris Monroe (Duke/IonQ)		
3:15 PM		BREAK	
3:30 PM	BREAK		BREAK
3:45 PM	Speaker: Susan Coppersmith (UNSW)	Speaker: Michelle Simmons (UNSW)	Session X: Quantum Computing in Industry 2 Chair: Christopher Savoie Speaker: Michael Biercuk (Univ. of Sydney/Q-Ctrl)
4:00 PM			
4:15 PM			Speaker: Andrew Dzurak (UNSW)
4:30 PM	Speaker: Andrea Morello (UNSW)		
4:45 PM			
5:00 PM		BREAK	
5:15 PM		NQI: Current Status and Perspectives Speaker: Charles Tahan (OSTP/LPS)	Closing
5:30 PM			
5:45 PM			
6:00 PM	Cruickshank Lecture - Beupre Umesh Vazirani	Roundtable Discussion: Future of Quantum Computing (Sponsored by D-Wave) Moderator: Christopher Savoie Panelists: Jake Taylor, Michelle Simmons, Catherine McGeoch (D-Wave), Christopher Lirakis (IBM)	
7:00 PM	6:00 reception (Lobby of Beupre) 6:30 Lecture		
8:00 PM			

In person
Online