

## Convergence: The Promise and Reality of AI & Quantum Agenda

### Opening Remarks | 9:15-9:25am

- Lori Glover, Managing Director, MIT CSAIL Alliances
- Jeff Grover, Research Scientist, MIT Engineering Quantum Systems
- Professor William Oliver, Director, MIT-CQE
- Professor Daniela Rus, Director, MIT CSAIL

### Quantum Keynote | 9:25-9:55am

- Professor William Oliver, Director, MIT-CQE

### AI Keynote | 9:55-10:25am

- Professor Daniela Rus, Director, MIT CSAIL

### Keynote Q&A | 10:25-10:45am

- Professor William Oliver, Director, MIT-CQE
- Professor Daniela Rus, Director, MIT CSAIL

### Break | 10:45-11:00am

### Panel 1: Where We Are with Quantum and AI (Really!) and Where We Are Going | 11:00-12:00pm

- **Moderator:** Jeff Grover, Research Scientist MIT Engineering Quantum Systems
- Professor Isaac Chuang, MIT Physics & MIT EECS
- Professor Aram Harrow, MIT Physics
- Henriette Fleischmann, Co-Founder & COO, Hosta a.i.
- Kalyan Veeramachaneni, Principal Research Scientist, LIDS

### Lunch | 12:00-1:00pm

*Programming for virtual attendees will resume at 1pm.*

### Panel 2: Advances Have Real Impact: Industry Use Cases | 1:00-2:00pm

- **Moderator:** Kathleen Kennedy, Executive Director, MIT Center for Collective Intelligence & Senior Director, MIT Horizon
- Yudong Cao, CTO & Co-Founder, Zapata Computing
- Professor Samuel Madden, MIT EECS
- Tim Menke, Co-Founder & COO, Atlantic Quantum
- Michael Rappaport, Head of Emerging Technology, Global Functions Innovation, HSBC

### On the Horizon: A Selection of Research Highlight Talks | 2:00-2:30pm

- Professor Manolis Kellis, MIT EECS
- Professor Kevin O'Brien, MIT EECS
- Professor Vladan Vuletic, MIT Physics

### Break | 2:30-2:45pm

### Fireside Chat | 2:45-3:15pm

- Professor William Oliver, Director, MIT-CQE
- Kathleen Kennedy, Executive Director, MIT Center for Collective Intelligence & Senior Director, MIT Horizon
- Professor Peter Shor, MIT Mathematics

### Panel 3: Considerations in Setting a Quantum AI Strategy | 3:15-4:15pm

- **Moderator:** Kathleen Kennedy, Executive Director, MIT Center for Collective Intelligence & Senior Director, MIT Horizon
- Shouvanik Chakrabarti, Applied Research Lead, JPMorgan Chase & Co.
- Douglas Hamilton, Head of Artificial Intelligence, Nasdaq
- Shengtao Wang, Senior Research Scientist, QuEra Computing
- Marcin Ziolkowski, Emerging Technologies Manager, BMW Group

### Wrap | 4:15pm

- Professor William Oliver, Director, MIT-CQE
- Kathleen Kennedy, Executive Director, MIT Center for Collective Intelligence & Senior Director, MIT Horizon

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