

Scaling for Quantum Advantage and Beyond

Start	End	Minutes	Session Title	Speaker
Day 1 - August 10 (Monday)				
09:00	09:30	30	(Registration)	
09:30	09:40	10	Opening Speech	Prof. Hsi-Sheng Goan Director, IBM Quantum Hub at NTU
09:40	10:10	30	Keynote	Voica Ana Maria Radescu EMEA and APAC Lead for IBM Quantum Innovation Centers, IBM Quantum
10:10	11:40	90	Research Highlights and Algorithms: Quantum Chemistry	Kunal Kumar Quantum Algorithm Engineer, IBM Quantum
11:40	13:00	80	(Lunch)	
13:00	14:30	90	Best Practices: Quantum Optimization (training parameters, circuit optimization, and post- processing techniques)	Boseong Kim / Kunal Kumar Quantum Algorithm Engineer, IBM Quantum
14:30	15:00	30	(Break)	
15:00	16:30	90	Research Highlights and Algorithms: Utility scale dynamic circuits	Boseong Kim Quantum Algorithm Engineer, IBM Quantum
16:30	16:45	15	Wrap- up for Day-1 and Guide for Day-2	Voica Ana Maria Radescu EMEA and APAC Lead for IBM Quantum Innovation Centers, IBM Quantum
Day 2 - August 11 (Tuesday)				
09:30	10:00	30	(Registration)	
10:00	11:00	60	Qiskit Functions Introduction • Qunova Computing - “HI-VQE for Chemistry and Industrial Quantum Advantage” • Q-CTRL - “Unlocking Practical Quantum Advantage with Error Suppression”	• Supalert Sukrakarn, Sales Engineer, Qunova Computing • Dr Chris Bentley, Senior Lead Solutions Engineer, Q-CTRL
11:00	11:30	30	IBM Quantum Platform Product Update	Andrei Constantinescu Group Product Manager, IBM Quantum Platform
11:30	11:45	15	Closing Speech	Prof. Hsi-Sheng Goan Director, IBM Quantum Hub at NTU Voica Ana Maria Radescu EMEA and APAC Lead for IBM Quantum Innovation Centers, IBM Quantum
11:45	13:00	75	(Lunch)	