

QIS Workshop

Monday, 23 September 2019

Plenary Session - 1416 (09:00 - 10:45)

time	[id] title	presenter
09:00	[3] Welcome	Dr HABIB, Salman
09:15	[4] Argonne QIS Overview	GRAY, Stephen
10:00	[1] Coherent nonlinear photonics: from attojoule to quantum	Prof. MABUCHI, Hideo

Plenary Session: Plenary Session - 1416 (13:30 - 15:00)

time	[id] title	presenter
13:30	[5] "Quantum Supremacy" and the Complexity of Random Circuit Sampling	FEFFERMAN, Bill
14:15	[7] Controlling light with a single photon using semiconductor quantum dots	WAKS, Edo

Tuesday, 24 September 2019

Plenary Session (09:00 - 10:35)

time	[id] title	presenter
09:00	[10] Welcome	Dr HABIB, Salman
09:05	[11] Emerging Semiconductor Single Photon Counters and Quantum Photonic Integrated Circuits	BANK, Seth
09:50	[30] Progress in Quantum Computing with Trapped Ions	KIM, Jungsang

Plenary Session (11:00 - 12:10)

time	[id] title	presenter
11:00	[22] Learning Quantum Algorithms for NISQ Computers	CINCIO, Lukasz
11:25	[12] Title TBD	Prof. SCHUSTER, David
11:50	[31] Quantum Computing at Scale	Dr ALEXEEV, Yuri

Plenary Session (13:30 - 15:35)

time	[id] title	presenter
13:30	[0] Trapped-ion experiments at NIST	Dr HUME, David
14:15	[34] Variational Quantum-Classical Algorithms: New Applications and Noise Resilience	COLES, Patrick
15:00	[14] Day 2 Wrap-up	Dr HABIB, Salman