World of QUANTUM | MQV + IBM – Quantum Technologies: from Research to Applications

Thursday 29 June 2023

Quantum Computing & Technologies – Applications - **Forum Quantum Science & Industry (Hall A1.220) (14:20 - 15:00)**

time	[id] title	presenter
14:20	[16] The path to quantum advantage with error mitigation (25'+5')	Dr WÖRNER, Stefan
14:50	[17] Lighthouse Lightning Talk - Application-driven benchmarking of quantum computers (7'+3')	Dr OBERREUTER, Johannes

Quantum Computing & Technologies – Applications - **Forum Quantum Science & Industry (Hall A1.220) (15:20 - 16:40)**

time	[id] title	presenter
15:20	[21] Exploring Quantum Phases of Matter with Quantum Computers (15'+5')	Prof. POLLMANN, Frank
15:40	[19] Nonadiabatic nuclear-electron dynamics: a quantum computing approach (15'+5')	Dr SYMONS, Benjamin
16:00	[20] Optimisation with Quantum Computing at Deutsche Telekom – Our Journey, Advances and Way Forward (15'+5')	WALZ, Maximilian
16:20	[18] Quantum computing in assistance to solve combinatorial optimization problems (15'+5')	Dr LORENZ, Jeanette