

Applications of Quantum Computing

Monday, July 10, 2023

Application-driven benchmarks - Lecture Hall (2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[4] Application of quantum computing from the industrial perspective	LUBER, Sebastian
2:15 PM	[17] The application side of the MQV	Dr LORENZ, Jeanette
2:30 PM	[5] Life Science Use Cases for Quantum Computing (20'+10')	MEYDER, Agnes
3:00 PM	[6] Quantum computing in heterogeneous biomedical datasets: exploration, optimization and development (20'+10')	HALAMA, Niels
3:30 PM	[7] Drug design on Quantum Computers (20'+10')	SANTAGATI, Raffaele

Application-driven benchmarks - Lecture Hall (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 PM	[8] The potential of QC in the automotive industry (20'+10')	KLEPSCH, Johannes
5:00 PM	[9] The potential of QC in aerospace (20'+10')	KRAUSER, Jasper
5:30 PM	[10] The potential of QC for mastering semiconductor supply chains (20'+10')	EHM, Hans PALACKAL, Lilly

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Application-driven benchmarks: Optimization problems - Lecture Hall (11:00 AM - 11:30 AM)

time	[id] title	presenter
11:00 AM	[18] Optimality in practice	Dr HUSSLEIN, Thomas