

European Conference on Trapped Ions (ECTI)

Thursday 28 September 2023

Thursday: Session I (09:00-10:30)

-Conveners: Dietrich Leibfried

time	[id] title	presenter
09:00	[145] Concepts for Fault-Tolerant Quantum Computing with Trapped Ions	Prof. MÜLLER, Markus
09:30	[219] Experimental fault-tolerant quantum computation with trapped ions	MONZ, Thomas
10:00	[24] Benchmarking Quantinuum's Second-Generation Quantum Processor	MOSES, Steven

Thursday: Session II (11:15-12:45)

-Conveners: Thomas Monz

time	[id] title	presenter
11:15	[200] Quantum control and transport in a micro fabricated Penning trap.	HOME, Jonathan
11:45	[170] Multi-qubit gates for bosonic logical qubits in trapped ions	REITER, Florentin
12:15	[127] Scalable Trapped-Ion Quantum Computers from Trap Fabrication to User Interface	HILDER, Janine

Thursday: Session III (14:15-14:45)

-Conveners: Tracy Northup

time	[id] title	presenter
14:15	[229] Radium clocks	Dr JAYICH, Andrew

Thursday: Session IV (16:30-17:30)

-Conveners: José R. Crespo López-Urrutia

time	[id] title	presenter
16:30	[81] Solving a 9σ discrepancy between hyperfine theory and experiment in trapped HD^+H^+ ions	KOELEMEIJ, Jeroen
17:00	[144] Orbitrap Mass Spectrometry	Dr GRINFELD, Dmitry