

ML4Q Summer School on Quantum Error Correction

Bethe Center for Theoretical Physics, Bonn

September 23 – 27, 2024

Day 1 (23/9)	
09:00 – 10:00	Arrival, Registration, Coffee
10:00 – 10:15	Welcome Note
10:15 – 12:00	Lecture 1: Markus Müller (RWTH Aachen/FZJ)
12:00 – 14:00	Lunch break
14:00 – 15:45	Lecture 2: Michael Gullans (QuICS, NIST/UMD)
15:45 – 16:15	Coffee break
16:15 – 18:00	Lecture 3: Markus Müller (RWTH Aachen/FZJ)

Day 2 (24/9)	
08:45 – 10:30	Lecture 4: Michael Gullans (QuICS, NIST/UMD)
10:30 – 11:00	Coffee break
11:00 – 12:00	Keynote Talk 1: Natalie Brown (Quantinuum)
12:00 – 14:00	Lunch break
14:00 – 15:45	Lecture 5: Christophe Vuillot (Inria Nancy)
16:00 – 18:00	Poster session (with drinks)

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Day 3 (25/9)	
08:45 – 10:30	Lecture 6: Christophe Vuillot (Inria Nancy)
10:30 – 11:00	Coffee break
11:00 – 12:00	Keynote Talk 2: Jens Eisert (FU Berlin)
12:00 – 14:00	Lunch break
14:00 – 18:00	Social activity (details will follow)

Day 4 (26/9)	
08:30 – 09:30	Keynote Talk 3: Giulia Ferrini (Chalmers University of Technology)
09:30 – 10:30	Keynote Talk 4: Barbara Terhal (TU Delft)
10:30 – 11:00	Coffee break
11:00 – 12:00	Keynote Talk 5: Nicolas Delfosse (IonQ)
12:00 – 14:00	Lunch break
14:00 – 15:30	Talks by participants
15:30 – 16:00	Coffee break
16:00 – 18:00	Discussion session

Day 5 (27/9)	
09:00 – 10:00	Keynote Talk 6: Johannes Zeiher (MPQ, Garching)
10:00 – 10:30	Talk by participant
10:30 – 11:00	Coffee break
11:00 – 12:00	Keynote Talk 7: Simon Trebst (University of Cologne)