

| | Mon (09.03.2026) | Tue (10.03.2026) | Wed (11.03.2026) | Thu (12.03.2026) | Fri (13.03.2026) | | |
|-------------------------|--|--|---|---|---|--|--|
| Topic of the day | Nonlocality and Entanglement | Nonlocality in Quantum Algorithms and Protocols | Quantum Advantage in Experiment | Many-body effects in Quantum Advantage | Summary | | |
| 09:30 - 10:00 | Arrival of Participants | Quantum Key Distribution: from security proofs to implementations | Quantum advantage from nonlocality with superconducting circuits | Interpretable Quantum Advantage in Machine Learning from Contextuality | Compiled Nonlocal Games | | |
| 10:00 - 10:30 | Welcome by the Lorentz Center and organizers | | | | Plenary Discussion | | |
| 10:30 - 11:00 | | Coffee break | Coffee break | Coffee break | Work on the Library | | |
| 11:00 - 11:30 | Can you be a quantum physicist without trusting your devices? | Quantum Networks: Quantum Advantage, One Entangled Pair at a Time | Panel Discussion [Quandela, IBM, Fermioniq, Delft networks] | Some recent advances in quantum computing and quantum AI [Dongling Deng] | Coffee break | | |
| 11:30 - 12:00 | Plenary Discussion | Plenary Discussion | | | Plenary Discussion | Further perspective for the Library and Discussion of the black boards | |
| 12:00 - 12:30 | | | | | | | |
| 12:30 - 13:00 | Lunch | Lunch | Lunch | Lunch | Lunch | | |
| 13:00 - 13:30 | | | | | | | |
| 13:30 - 14:00 | Goal of the workshop, Zotero and Bounty-board/Blackboard Introductions, Poster Presentations | Interpreting Einstein-Podolsky-Rosen correlations: forward-backward stochastic simulations | Work on the Library | Quantum Nonlocality and Quantum Randomness Certification | Keynote: Nonlocality: Driver for Quantum Advantage? | | |
| 14:00 - 14:30 | Quantum nonlocality in networks | Plenary Discussion | | Plenary Discussion | | | |
| 14:30 - 15:00 | Coffee break | Coffee break | Coffee break | Coffee break | Summary and Goodbye | | |
| 15:00 - 15:30 | Nonlocality: Driver for Randomness? | A multi-qubit quantum network node for quantum communication and computation | Spin shuttling - a new paradigm for scaling semiconductor spin qubits | Detecting multipartite high-dimensional Bell correlations | | | |
| 15:30 - 16:00 | Plenary Discussion about topical input | Plenary Discussion | Plenary Discussion | Plenary Discussion | | | |
| 16:00 - 16:30 | Poster Session, Cheese and Wine | Breakout Session with Wrap-Up afterwards | Breakout Session with Wrap-Up afterwards | Breakout Session with Wrap-Up afterwards | | | |
| 16:30 - 17:00 | | | | | | | |
| 17:00 - 17:30 | | | | | | | |
| 17:30 - 18:00 | | | | | | | |
| 18:00 - | | | Workshop Dinner (18:00) | | | | |

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| | Breakout sessions |
| | Plenary discussions |
| | Talks |
| | Evening program |