

TALKS (alphabetical)

Plenary speakers

A. Acin	The power of quantum networks
H. Briegel	Learning agents and quantum foundations
H. Buhrman	On nonlocal games with near-perfect quantum strategies
I. Cirac	Quantum Information and many-body systems
E. Kashefi	On the possibility and impossibility of photonic quantum cloud computing
V. Scarani	Stories about the second law(s) of thermodynamics
A. Winter	Interferometric visibility and coherence

Invited speakers

G. Adesso	Gaussian quantum resource theories
C. Brukner	Quantum mechanics and the covariance of physical laws in quantum reference frames
E. Chitambar	The Schmidt number in entanglement and coherence theories
J. de Vicente	Entanglement manipulation beyond LOCC
R. Duan	Quantum Advantages in Hypercube Game
J. Eisert	Quantum devices outperforming classical computers
G. Giedke	Acoustic and Magnetic Trapping of Electrons in Semiconductors
G. Gour	Discrimination of quantum channels with superchannels
P. Horodecki	Beyond Quantum Correlations
J. Kołodyński	Device-independent quantum key distribution with single-photon sources
R. König	Quantum advantage with shallow circuits
D. Leung	Embezzlement-based Bell inequality that cannot be maximally violated with finite amount of entanglement
M. Murao	Higher order quantum operations of unitaries
D. Pérez-García	Bulk-boundary correspondence in PEPS
R. Renner	Quantum mechanics cannot consistently describe the use of itself
P. Sekatski	Practical device independent certification of building blocks for quantum technologies