

Quantum Correlation, Coherence & Uncertainty

Monday, 1 July 2019 17:00 (30)

Quantum correlations, quantum coherence and quantum uncertainty relations play significant roles in quantum information processing such as quantum communication and computation. The operational characterization of quantum correlations and quantum coherence are also the important aspects of the corresponding resource theory. We introduce some recent results on the theory of quantum entanglement; coherence quantifier; the relations among entanglement, coherence and particle-wave duality; as well as the related quantum uncertainty relations.

Presenter(s) : XX, X (XXXXXX)

Session Classification : Afternoon sessions