

## Entanglement Theory

*Tuesday, 14 November 2023 10:10 (1 hour)*

Entanglement, that is, quantum correlations that do not have a classical counterpart, is a resource for quantum information processing. I provide an overview on the entanglement theory by focusing on the structure of entangled states. I also discuss the experimental verification of entangled states given assumptions made on sources and measurements.

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**Session Classification:** Quantum Information