



# QUANTUM COMPUTING SEMINAR

## Nonlocal correlations as an information-theoretic resource

By

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**Abstract:** The statistics of measurement outcomes coming from quantum theory satisfy a principle known as no-signaling which prevents faster than light information transfer. It is possible to study statistical models that satisfy this principle independently of quantum theory. Here we introduce the notion of nonsignaling distributions and the implications of such models for information processing. References: arXiv:quant-ph/0404097

**Date:** Friday, November 11, 2022

**Time:** 14:30

**Place:** SA141 - Mathematics Seminar Room