Contribution ID: **69**
Type: **Presentation**

Processing Data in the Quantum Domain

Thursday 8 May 2025 16:30 (1 hour)

In this lecture, we explore how quantum mechanics enables methods for data representation, manipulation, and processing that could surpass classical approaches in certain domains. This lecture's topics include quantum data structures, encoding methods, and the quantum processing of (classical) datasets. Participants will gain an understanding of how quantum techniques can transform data processing and may open up new possibilities in the computational domain.

Author: RIEGER, Carla Sophie (Technische Universitat Munchen (DE))

Presenter: RIEGER, Carla Sophie (Technische Universitat Munchen (DE))