

# Exploring Quantum Computing

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In this project we plan to explore the potential of Quantum Systems from the computational point of view. We aim to focus on general combinatorial problems that may be of interest for INFN applications (e.g. graph coloring for scheduling problems), designing algorithms, and investigate computational complexity and programming issues. In particular we aim to use quantum machines as accelerators developing hybrid solvers. Also, we are interested in investigating quantum machine learning algorithms.

**Presenter:** SCHIFANO, Sebastiano (FE)