

OTHER1: Quantum Computation, Information and Applications

Thursday (09/07) 15:00-16:40

15:00. Alberto Acevedo. "Beyond Michael Nielsen's geometric notions of geometric complexity for quantum circuits"

15:25. Andreu Anglés–Castillo. "Adaptive-time Compressed QITE and its geometrical interpretation"

15:50. Antonio Falcó. "On the complexity of quantum numerical integration"

16:15. Alicia Cordero. "Hybrid iterative algorithms and QUBO solvers for solving nonlinear problems"

Thursday (09/07) 17.00-19.05

17:00. Miguel Hernández Cáceres. "The study of the satisfiability of Diophantine equations over a finite domain using quantum techniques"

17:25. Sergi de María-García. "Trajectories of quantum vortex"

17:50. Miguel Angel García–March. "Using a quantum computer to distinguish different synthetic quantum unravelings"

18:15. Julio Moyano. "Invariants in quantum linear optics"

18:40. Luis Henández Encinas. "A necessary transition to PQC"

Friday (10/07) 10:00-11:40

10:00. Diego Rojas. "Quantum Sieving to solve the LWE Problem"

10:25. Fernando Hernando. "Quantum (r, δ) -locally recoverable codes"

10:50. Sara Talbi. "Stabilizer Quantum Error Correction Codes over Mixed Alphabets"