



16th September
Sala Sousa Pinto
Department of Mathematics, University of Aveiro

Quantum computation meeting @Aveiro

10:30 — 11:00

Armando Pinto (IT): Quantum secure multiparty computation

11:00 - 12:00

Mauricio Ferreira (IT): Quantum random number generation

Daniel Pereira (IT): CV-QKD communication system

Sara Mantey (IT): DV-QKD communication system

Mariana Ramos (IT): Random polarization compensation in DV-QKD with polarization encoding

12:00 - 13:00

Paolo Vettori (CIDMA): Quantum coding

Felipe Freitas (CIDMA): Searching for new physics in the era of Deep Learning and Quantum Supremacy

14:30 — 15:30

Ernesto Galvão (INL): Recent progress in photonic quantum computation

15:30 — 17:30

Ana Cruz (INESC TEC): Paraconsistent transition systems

André Sequeira (INESC TEC, INL): Variational quantum policy gradients

Michael Oliveira (INL): On the cost of evaluating symmetric Boolean functions using Non-adaptive MBQC

Jaime Santos (INESC TEC, INL): Quantum random walks

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