Quantum computing simulation infrastructure [ISAAC]

Data analysis

Organisation

CTIC

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Description
Infrastructure for the execution of quantum computing simulations, which allows the emulation of general-purpose quantum algorithms that can be used for any type of problem within the quantum context.

Uses and applications
Multiple applications related to the analysis of large volumes of data for production planning, productivity forecasting, automation, and quality control of industrial processes.

Equipment classification
Demo units.

Associated services
- Proofs of concept for experimentation in technologies for Industry 4.0 through Blockchain.
- Proofs of concept for experimentation in technologies for Industry 4.0 through advanced data analytics and Artificial Intelligence.

Equipment code
N2.8

Service code
E13
E.26

Photos