

## **IBM-Q - Online Quantum Computing Platform**

*Wednesday, September 25, 2019 9:30 AM (30 minutes)*

CSIC and IBM have signed a contract to provide researchers with access to a quantum computer with 20 qubits, via a cloud service. This contract extends the possibilities already existing with the 5-qubit and 16-qubit free tier services, towards devices with greater quantum volume. This talk will offer a superficial overview of quantum computing –operations, implementation, potential–, focusing on how these services are actually offered and used, and how they can integrate in hybrid quantum-classical work pipelines.

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**Session Classification:** Innovative Software Services