

DSATS Canada launches its quantum research centre in Vancouver

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Vancouver, British Columbia Apr 27, 2022 ([IssueWire.com](https://www.issuewire.com)) - DSATS Inc has announced the formation of an internally funded Global Quantum Research Centre (GQRC) that provides the scientific community with a platform for information exchange, resource sharing, and technical collaboration. GQRC aims to establish a bridge between Canadian and UK scientists by providing access to a quantum computing environment to resolve the problem of Quantum Error Control (QEC).

QEC is vital to storing quantum information by achieving a fault-tolerance quantum platform that can store the error value in the qubit itself. This is a challenging task as the measurement of the qubit would destroy the quantum super positioning and prevent the qubit from providing any quantum information.

The task of the QEC is to find a solution that can work as an augmented platform to existing and future quantum platforms by means of new materials, storage processes, or other innovating techniques.

DSATS also is aiming to tackle the lack of quantum research by promoting scientists and students from mathematics and physics backgrounds to join in the quantum revolution. The quantum computing industry is still at an infant stage due to a lack of innovation and high costs that discourage independent scientists and companies to participate in the quantum sciences. The availability of sophisticated quantum models and a time-sliced quantum computer should speed up research and trials of QEC theories.

About DSATS:

DSATS Inc a British Columbia (BC) company is working in the area of quantum computing to generate new technologies and platforms. It is currently operating as a research and development lab to enable QEC and fix other gate errors in quantum processing. DSATS aims to work in the direction of providing and quantum computing platform that assists in ubiquitous computing across the classical and quantum realm. DSATS is trademarked for use in Canada.

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