

Download An Introduction To Quantum Computing

Y Science | Helsinki | Slush Side Event

Science-based business and startups have a world-changing possibility. Y Science is an event that brings together the curious scientific community and the business world to inspire concrete action and contribution to the society.. See the speaker introductions and programme below.

One Qubit At A Time Towards Data Science

(I've written an introduction to quantum computing found here.If you are brand new to the field, it will be a better place to start.) If you want to get into quantum computing, there's no way around it: you will have to master the cloudy concept of the quantum gate.Like everything in quantum computing, not to mention quantum mechanics, quantum gates are shrouded in an unfamiliar fog of ...

D Wave Systems

Coordinates. D-Wave Systems, Inc. is a quantum computing company, based in Burnaby, British Columbia, Canada.D-Wave has claimed to be the world's first company to sell computers which exploit quantum effects in their operation, although some researchers disagree.

Shor's algorithm

Shor's algorithm, named after mathematician Peter Shor, is a quantum algorithm (an algorithm that runs on a quantum computer) for integer factorization, formulated in 1994.Informally, it solves the following problem: Given an integer , find its prime factors.. On a quantum computer, to factor an integer , Shor's algorithm runs in polynomial time (the time taken is polynomial in ?, the size ...

Workshops and Short Courses | RFIC Symposium

Interfacing mm-wave ICs with antennas remains a critical challenge for emerging mm-wave communication, sensor, and radar transceivers. This workshop will focus on the integration of antenna, antenna-arrays and antenna interfaces for microwave and mm-wave sensors and communications applications.

Calculateur quantique —

Un calculateur quantique (anglais quantum computer, parfois traduit par ordinateur quantique [a], ou système informatique quantique [2]), utilise les propriétés quantiques de la matière, telle que la superposition et l'intrication afin d'effectuer des opérations sur des données. À la différence d'un ordinateur classique basé sur des transistors travaillant sur des données binaires ...

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