



CERN Colloquium

SPEAKER: WILLIAMS, C. (D-Wave Systems, Inc.)
TITLE: **D-Wave's Approach to Quantum Computing: 1000-qubits and Counting!**
DATE: Tue 24/01/2017 16:30
PLACE: 500-1-001 - Main Auditorium

ABSTRACT

In this talk I will describe D-Wave's approach to quantum computing, including the system architecture of our 1000-qubit D-Wave 2X, its programming model, and performance benchmarks. Furthermore, I will describe how the native optimization and sampling capabilities of the quantum processor can be exploited to tackle problems in a variety of fields including medicine, machine learning, physics, and computational finance.

Organised by: W. Lerche/TH-SP.....
** Tea and coffee will be served at 16h00**