



Ravi Sandhu <ravi.texan@gmail.com>

Reminder: QUANTUM COMPUTING AND THE QUEST FOR COMPUTATIONAL SUPREMACY

1 message

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Reply-To: James Brakefield <jim.brakefield@ieee.org>

To: ravi.sandhu@utsa.edu

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QUANTUM COMPUTING AND THE QUEST FOR COMPUTATIONAL SUPREMACY

Talk on Quantum Computing by Professor Scott Aaronson

I'll offer a crash course on quantum computing, which seeks to exploit the strange rules of quantum physics to solve certain problems dramatically faster than we know how to solve them with any existing computer. I promise no hype: just a sober summary of how a quantum computer would actually work (hint: it's not just by "trying every possible answer in parallel"), for which problems quantum computers are and aren't expected to provide an advantage, and the current status of the worldwide effort to make quantum computing practical. I'll also say something about the race to achieve "quantum computational supremacy"---that is, a clear quantum advantage, not necessarily a useful one, for some sampling task, using the noisy 50-80 qubit devices of the near future.

Date and Time

Date: **08 Mar 2019**Time: **01:30 PM to 03:00 PM**

All times are US/Central



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Location

University of Texas at San Antonio

One [UTSA Circle](#)[San Antonio, Texas](#)[United States 78249](#)

Building: John Peace Library (JPL)

Room Number: 4.04.22 Assembly Room

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Registration

Starts **08 February 2019 11:16 AM**Ends **08 March 2019 09:30 AM**

All times are US/Central

No Admission Charge

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Speakers

Dr. Scott Aaronson of Director of the Center for Quantum Information UT Austin

Topic: **Quantum Computing**

Agenda

Friday, March 8th, 2019

1:55 pm - 2:55 PM

Location: John Peace Library (JPL) 4.04.22

University of Texas at San Antonio Main Campus

Central Texas Section Chapter, C16 San Antonio

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