INSTITUTE FOR QUANTUM SCIENCE AND TECHNOLOGY DEPARTMENT OF PHYSICS AND ASTRONOMY

PRESENT

Can we reverse-engineer the brain? QUANTUM PUBLIC LECTURE



Michael Roukes Ph.D. Robert M. Abbey Professor of Physics California Institute of Technology

7 p.m. Tuesday 6 June 2017 Science B 103 University of Calgary

Free ticket with advance registration: iqst.ca/outreach/publiclecture.php

Although knowledge of the neuron's



role for brain computation has advanced significantly, we are far from understanding how brain circuits comprising complex neuron assemblies can process information, thus leading to the U.S. BRAIN Initiative (Brain Research through Advancing Innovative Neurotechnologies). I discuss the tools we are creating for massively parallel interrogation of brain activity and the potential applications.

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