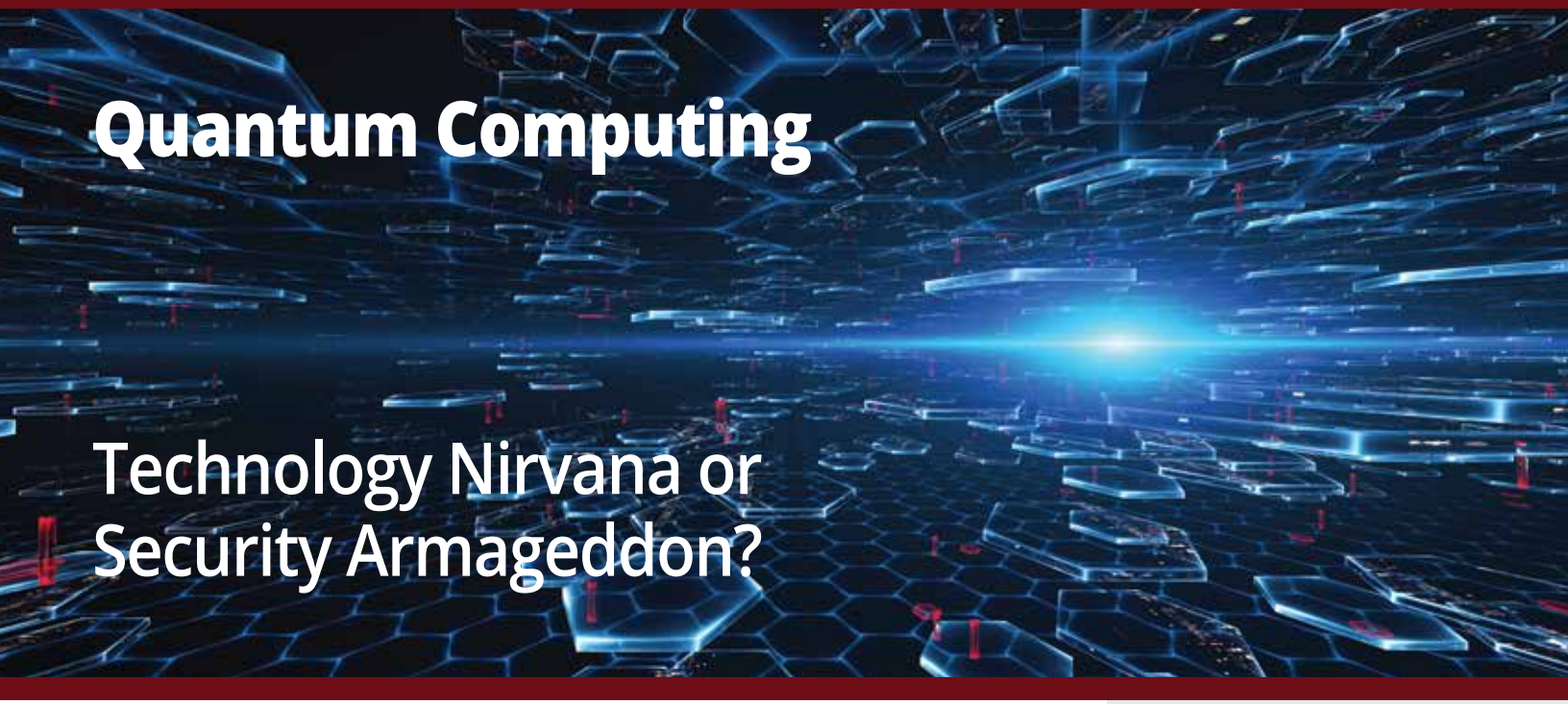
VLAB

Explore. Discover. Inspire.



Quantum Computing

Technology Nirvana or Security Armageddon?

Quantum computing promises to create the most fundamental change in the history of computing. The increases in processing power and speed will enable new capabilities that would take years — or maybe are simply not possible — using "classical" computing technologies. From molecular and financial modeling to weather forecasting and artificial intelligence, quantum computing represents the biggest advance in decades.

Perhaps the greatest impact — and most dangerous threat — will be in cryptography. Capable of instantly breaking today's strongest data encryption algorithms, quantum computing is a major focus of governments, multinational corporations, and a growing number of startups around the globe. Theoretically, the first organization to build a quantum computer will have the power to break any existing security key anywhere, potentially wreaking havoc on entire societies, militaries, and economies. The race is on.

- When will quantum computing find its way into production?
- How will organizations be able to protect against potential misuse?
- Has the US fallen behind other countries in the quantum computing race?

Join us on November 15 to find out.

Moderator

Brady Forrest
Operating Partner, ETW Advisors

Panelists

Alexei Marchenkov
CEO and Founder, Bleximo

Louis Parks
Founder and CEO, SecureRF

Pete Shadbolt
Chief Science Officer, psiQuantum

Hratch Achadjian
Quantum Computing & AI,
Head of Bus. Dev. – No. Am., Google

Joseph Raffa
Director, IBM Ventures

Thursday, November 15, 2018
6:00 pm – 8:30 pm

6:00 pm:
Reception and demos
7:00 pm:
Panel discussion (with Q&A)

Stanford Faculty Club
Stanford University
439 Lagunita Drive
Stanford, CA 94305

Register at the link below.

https://vlab.org/events/quantum-computing/