

# NTU Q

## SELECTED NEWS

### IBM Quantum Virtual Open House

February 25, 2021 – 9:00am-12:00pm ET

#### 2021 IBM Quantum Virtual Open House

This is a digital open house of IBM's Quantum Computing program. It is a great opportunity to learn how to get started with Quantum computing in your professional area and different industries collaborating with IBM showed their amazing results by using Quantum computing.

The agenda of IBM Quantum Virtual Open House can be divided into two parts:

##### 1. Main section:

Topic	Speaker
IBM Quantum Network Overview	▸ Dr. Anthony Annunziata, Director of the IBM Q Network
Recently announced IBM Quantum Roadmap	▸ Dr. Jerry Chow, Director of Quantum Hardware System Development(AM) ▸ Dr. Zaira Nazario, Quantum Theory and Application Lead(PM)
Ecosystem Focus Panels Session	▸ Prof. M. Kawasaki, Univ. of Tokyo Prof. K. Itoh, Keio Univ. Prof. C.R. Chang, National Taiwan Univ. Prof. Kevin Rhee, KAIST Prof. Alex Ling, National Univ. of Singapore Prof. Lloyd Hollenberg Univ. of Melbourne

## 2. Four Industry breakout sessions:

Topic	Speaker
<a href="#"><u>Quantum for Financial Services</u></a>	Goldman Sachs, Keio Univ, IBM Quantum
<a href="#"><u>Healthcare &amp; Life Sciences Quantum Computing Applications</u></a>	Amgen, Anthem, Harvard Univ, IBM Quantum
<a href="#"><u>Quantum Computing for Advanced Manufacturing/Transportation/Electronics</u></a>	Boeing, Hitachi, Samsung, IBM Quantum
<a href="#"><u>Molecular Simulation for Chemistry/Materials/Energy</u></a>	JSR, Mitsubishi Chemical, IBM Quantum

All Quantum Open House webinars are available on demand through the links provided above until **May 28, 2021**.

### **Reconfigurable photonics with on-chip single-photon detectors**

**I**n a potential boost for quantum computing and communication, a European research collaboration reported a new method of controlling and manipulating single photons without generating heat. The solution makes it possible to integrate optical switches and single-photon detectors in a single chip.

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### **Quantum computing provider IonQ to go public via \$2 billion SPAC deal**

**I**onQ To Become The First Publicly Traded Pure-Play Quantum Computing Company

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IBM Quantum Computer Hub at National Taiwan University

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