

From: [Chen, Lily \(Fed\)](#)
To: [\(b\) \(6\)](#); [Scholl, Matthew A. \(Fed\)](#)
Subject: RE: China is beating the US when it comes to quantum security
Date: Tuesday, December 17, 2019 9:56:00 AM

Hi, Tim,

These people push for large investment on their ventures. Countless startups have made a bet on quantum. Some even invest on multiple startups to make sure no matter what will happen for quantum, they will get something from it.

Lily

-----Original Message-----

From: Timothy Gransel [\(b\) \(6\)](#)
Sent: Friday, December 13, 2019 3:12 PM
To: Chen, Lily (Fed) <lily.chen@nist.gov>; Scholl, Matthew A. (Fed) <matthew.scholl@nist.gov>
Subject: China is beating the US when it comes to quantum security

Lily

I agree with everything you said earlier, and Matt has noted that China is working hard on this. To me it is a lot of extra technology and engineering that isn't really all that useful that current methods can do effectively.

Tim

Ps. On QC and AI we are in a marathon doesn't really matter with China-as we are in the first 3 miles of a 26 mile race.

From MIT Technology Review:

China is beating the US when it comes to quantum security "It's a lot like the space race. We really can't afford to come into second place."

[https://gcc01.safelinks.protection.outlook.com?url=https%3A%2F%2Fwww.technologyreview.com%2F%2F614928%2Fchina-is-beating-the-us-when-it-comes-to-quantum-security%2F%3Futm_campaign%3Dsite_visitor_unpaid_engagement%26utm_source%3demail%26utm_medium%3Dsocial_share%26utm_content%3D2019-12-13&data=02%7C01%7Clily.chen%40nist.gov%7Cb58fa3a676d24972407608d78019872d%7C2ab5d82fd8fa479a93e054655c61dce%7C1%7C637118719440207582&data=C8GwYTHFz9hsDn8o2gij1wGQ4EKy5r9JdSL06kZy%3D&reserved=0](https://gcc01.safelinks.protection.outlook.com?url=https%3A%2F%2Fwww.technologyreview.com%2F%2F614928%2Fchina-is-beating-the-us-when-it-comes-to-quantum-security%2F%3Futm_campaign%3Dsite_visitor_unpaid_engagement%26utm_source%3Demail%26utm_medium%3Dsocial_share%26utm_content%3D2019-12-13&data=02%7C01%7Clily.chen%40nist.gov%7Cb58fa3a676d24972407608d78019872d%7C2ab5d82fd8fa479a93e054655c61dce%7C1%7C637118719440207582&data=C8GwYTHFz9hsDn8o2gij1wGQ4EKy5r9JdSL06kZy%3D&reserved=0)

Sent from my iPhone