

From: [Williams, Carl J. Dr. \(Fed\)](#)
To: [Perlner, Ray A. \(Fed\)](#); [Moody, Dustin \(Fed\)](#); [Alagic, Gorjan \(Assoc\)](#); [Chen, Lily \(Fed\)](#); [Miller, Carl A. \(Fed\)](#); [Brady, Lucas T. \(Fed\)](#); [Boisvert, Ronald F. \(Fed\)](#); [Honeycutt, Diane C. \(Fed\)](#); [Lainez, Zulma Z. \(Fed\)](#); [Scholl, Matthew A. \(Fed\)](#)
Subject: Meet with Zapata Computing on Quantum Advancements
Date: Tuesday, December 17, 2019 4:54:35 PM

Matt,

We will arrange to bring them over to you. I am tied up until noon but will swing by to pick them up and take them to lunch. Ask them if the algorithm fails nicely — i.e. do the know when it doesn't work. If it is only 10% probably but fails nicely that is scary.

Carl

Meet with Zapata Computing on Quantum Advancements

Scheduled: Dec 20, 2019 at 10:30 AM to 12:00 PM

(b) (6)

Invitees: Perlner, Ray A. (Fed), Moody, Dustin (Fed), Alagic, Gorjan (Assoc), Chen, Lily (Fed), Miller, Carl A. (Fed), Brady, Lucas T. (Fed), Boisvert, Ronald F. (Fed), Honeycutt, Diane C. (Fed), Lainez, Zulma Z. (Fed), Williams, Carl J. Dr. (Fed)
Carl and Zulma

We have a hold for a conference room in (b) (6) for the morning meeting.

Let me know if you would like me to hold the room for the afternoon OR, if you would like me to come to your location for the AM.

I am happy to meet them at (b) (6) at 1030 (or before) to take them to (b) (6).

Matt

From: Scholl, Matthew A. (Fed)

Sent: Tuesday, December 17, 2019 10:25:49 AM (UTC-05:00) Eastern Time (US & Canada)

To: Chen, Lily (Fed); Moody, Dustin (Fed); Perlner, Ray A. (Fed); Alagic, Gorjan (Assoc); Miller, Carl A. (Fed); Brady, Lucas T. (Fed); Boisvert, Ronald F. (Fed)

Subject: Meet with Zapata Computing on Quantum Advancements

When: Friday, December 20, 2019 10:30 AM-12:00 PM.

(b) (6)

Members from Zapata Computing will be here on Friday to discuss their paper, attached.

From our perspective, we want to be sure to understand any changes to the current estimates of quantum strength needed to factor RSA.

I am inviting everyone but understand that many folks might have conflicts and/or leave scheduled

Thanks

Matt

Carl J. Williams, Deputy Director
Physical Measurement Laboratory
Fellow, Joint Quantum Institute and QuICS
National Institute of Standards and Technology

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