

From: [Peralta, Rene \(Fed\)](#)
To: [Miller, Carl A. \(Fed\)](#); [Gerrits, Thomas Dr. \(Fed\)](#); [Glancy, Scott C. \(Fed\)](#)
Cc: [Jordan, Stephen P \(Fed\)](#); [Kuo, Paulina S. \(Fed\)](#)
Subject: Re: randomness at the optics teleconference
Date: Monday, September 12, 2016 6:07:31 PM

This is a great idea. I'll be there unless on travel.

Best, Rene.

From: Miller, Carl A. (Fed)
Sent: Monday, September 12, 2016 6:05 PM
To: Gerrits, Thomas (Assoc); Glancy, Scott (Fed)
Cc: Jordan, Stephen P (Fed); Kuo, Paulina (Fed); Peralta, Rene (Fed)
Subject: Re: randomness at the optics teleconference

Ok, great, let's plan on that (11:30am EST on Sept. 27th). (Rene and Paulina: This is for the Fortnightly Tuesday meeting.)

I'll be giving two talks that week about my work on randomness. So I could come to the meeting with my slides from those talks and plan to go through some of them.

One of my biggest interests is to find out how those of us on the theory side can diversify our methods to help out the experimentalists. (Examples: accounting for detector failures, allowing for more complex causal relationships between different devices, etc.) I think the meeting could be a good opportunity to talk about that (and anything else people would like to discuss). See you then!

-Carl

Carl A. Miller
Mathematician, Computer Security Division
National Institute of Standards and Technology
Gaithersburg, MD

On 9/12/16, 5:10 PM, "Gerrits, Thomas (Assoc)" <thomas.gerrits@nist.gov> wrote:

Hi Scott,

I don't think I replied to you yet. Yes, this would be a good topic for the 27th!

Thanks,
Thomas

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

From: Scott Glancy [<mailto:sglancy@nist.gov>]

Sent: Thursday, September 08, 2016 3:17 PM

To: Gerrits, Thomas (Assoc) <thomas.gerrits@nist.gov>

Cc: Miller, Carl A. (Fed) <carl.miller@nist.gov>; Jordan, Stephen P (Fed) <stephen.jordan@nist.gov>

Subject: randomness at the optics teleconference

Thomas,

For the optics teleconference on Sep-27, could we discuss randomness theory and the NIST random beacon? The Computer Security Division has hired Carl Miller, a quantum randomness theory expert, and we want to talk with him about his work and how it could be applied to the NIST random beacon and related things.

Also, can you make sure that Carl and Stephen Jordan are on your mailing list for these meetings?

Scott