

From: [Liu, Yi-Kai \(Fed\)](#)
To: [Perlner, Ray A. \(Fed\)](#)
Subject: Re: Draft Slides for Dagstuhl
Date: Friday, October 20, 2017 3:56:41 PM

Hey! Can you make a poster on "thermodynamic analysis of quantum and classical search" for ITL science day? Let me know if you'd like me to help? (Though I'll also be busy presenting another poster on "quantum system tomography.") Probably you can just use Powerpoint to make the poster. I think the posters have to be sent to the printing office by next Tuesday.

Thanks...

--Yi-Kai

From: Liu, Yi-Kai (Fed)
Sent: Friday, October 20, 2017 11:30 AM
To: Perlner, Ray (Fed)
Subject: Re: Draft Slides for Dagstuhl

Hmm, the QIP acceptance notifications are sent on Nov. 5, but the APS submission deadline is Nov. 3. So, that's tricky.

Another option is to submit an abstract to Squint (<http://physics.unm.edu/SQuInT/2018/index.php>). The format is similar to QIP, in that getting a talk slot is competitive, and there are no printed proceedings. But Squint is more physics-oriented. The submission deadline is Nov. 22.

Cheers,

--Yi-Kai

From: Perlner, Ray (Fed)
Sent: Friday, October 20, 2017 9:05:26 AM
To: Liu, Yi-Kai (Fed)
Subject: RE: Draft Slides for Dagstuhl

I might be able to do it, but it seems like a lot of travel early in the year if I'm also going to QIP. I'm also going to PQcrypto / NIST PQC Standardization conference in April. Will I know if I'm going to QIP by the submission deadline?

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

From: Liu, Yi-Kai (Fed)
Sent: Wednesday, October 18, 2017 6:38 PM
To: Perlner, Ray (Fed) <ray.perlner@nist.gov>
Subject: Re: Draft Slides for Dagstuhl

BTW, another option is to submit an abstract in order to give a talk at the APS March Meeting. (It's just a talk, no printed proceedings.) I'm not sure if I'll be able to go to March Meeting, but maybe you could? What do you think?

The abstract submission deadline is Nov. 3. More info here: <http://www.aps.org/meetings/march/>

--Yi-Kai

From: Liu, Yi-Kai (Fed)
Sent: Tuesday, October 17, 2017 2:43 PM
To: Perlner, Ray (Fed)

Subject: Re: Draft Slides for Dagstuhl

Ok, sorry for the delay, I will write to Federico Levi now...

--Yi-Kai

From: Perlner, Ray (Fed)
Sent: Tuesday, October 10, 2017 9:00:16 AM
To: Liu, Yi-Kai (Fed)
Subject: RE: Draft Slides for Dagstuhl

No objections here. Sounds like a fine idea

Cheers,
Ray

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

From: Liu, Yi-Kai (Fed)
Sent: Monday, October 09, 2017 12:38 PM
To: Perlner, Ray (Fed) <ray.perlner@nist.gov>
Subject: Re: Draft Slides for Dagstuhl

Hi Ray,

I had an idea -- I could email Federico Levi, one of the editors at Nature Physics, and ask him if he thinks this paper could be a good fit for them? I think he might respond, since people sometimes make these informal inquiries before submitting to Nature, to see if it is worth the hassle. (Publishing in Nature is a pain, because you have to write the paper in a way that is readable for a much broader audience than usual.) What do you think? Any objections if I do this?

Cheers,

--Yi-Kai

From: Liu, Yi-Kai (Fed)
Sent: Sunday, October 1, 2017 11:40 AM
To: Ray Perlner; Perlner, Ray (Fed)
Cc: Yi-Kai Liu
Subject: Re: Draft Slides for Dagstuhl

I'll save a copy of the slides on my laptop as a backup.

BTW, would you consider making a duplicate copy of your "conclusions" slide and putting it at the beginning of the presentation, to make it really clear what is the take-home message? Otherwise, I am worried that people may get lost half way through, and never understand what are the main results.

Cheers,

--Yi-Kai

From: Ray Perlner <rperlner@gmail.com>
Sent: Saturday, September 30, 2017 12:24 AM
To: Ray Perlner; Perlner, Ray (Fed); Liu, Yi-Kai (Fed)
Subject: Re: Draft Slides for Dagstuhl

And I forgot to take a square root of something on slide 26. (4 days changed to 4 minutes to break SHA256)

While I was at it, added a bullet to the conclusion slide.

On Sat, Sep 30, 2017 at 12:03 AM, Ray Perlner <rperlner@gmail.com<<mailto:rperlner@gmail.com>>> wrote:
Oops. Better send the slides.

On Sat, Sep 30, 2017 at 12:01 AM, Ray Perlner <rperlner@gmail.com<<mailto:rperlner@gmail.com>>> wrote:
Note to Yi-Kai: My NIST loaner laptop came with the wrong kind of power cable. I may need to borrow a computer to give this presentation if my laptop runs out of juice and I can't find a suitable replacement for the cord.