

From: [Liu, Yi-Kai \(Fed\)](#)
To: [Graham, Catherine J. \(Fed\)](#)
Subject: Fw: travel to ETSI workshop in Toronto?
Date: Thursday, May 5, 2016 11:11:27 AM

Hi Cathy,

Ron said I can start planning this trip, to Toronto this September. Could you help me with the travel order?

The detailed plan for the trip is below. I will forward you a separate email with the flight reservation.

I haven't made the hotel reservations yet -- I think the workshop is going to reserve some hotel rooms, otherwise I will just use Fedrooms.

Thanks!

--Yi-Kai

From: Ronald Boisvert <ronald.boisvert@nist.gov>
Sent: Tuesday, May 3, 2016 8:17 AM
To: Liu, Yi-Kai (Fed)
Subject: Re: travel to ETSI workshop in Toronto?

You can plan on going to this. If we run into the travel ceiling and higher priority travel intervenes then we can re-evaluate.

I'm sure that you are aware that Alan Mink attends all of the ETSI QKD Working Group meetings. You should chat with him to keep up with what is going on there.

Ron

On 5/2/2016 6:38 PM, Liu, Yi-Kai (Fed) wrote:

> Hi Ron,

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> Michele Mosca invited me to attend this ETSI workshop on quantum-safe cryptography, which is the week after the QCrypt conference. He asked me to give a presentation on recent news from QCrypt. Do you think I should go? I am inclined to say yes, since it is probably good to keep in touch with ETSI, especially when NIST is publishing its own call for proposals for post-quantum crypto. Also, from a research perspective, it would be useful to visit Waterloo. On the other hand, if travel funding is tight, this trip is not essential. What do you think?

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> Here are the details:

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> Travel Request

> Traveler Name: Yi-Kai Liu

> Location: Toronto, Ontario, Canada

> Dates: 2016-09-18T13:00 to 2016-09-23T13:00

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> Purpose: Attending the 4th ETSI/IQC Workshop on Quantum-Safe Cryptography, in Toronto, Canada, Sept. 19-21, 2016. Web page: <http://www.etsi.org/news-events/events/1072-ws-on-quantumsafe-2016>. Traveler has been invited by the organizers to present a summary of news from the QCrypt 2016 conference. (Traveler is the lead local organizer of QCrypt 2016.) Traveler will also visit the Institute for Quantum Computing (IQC) at the University of Waterloo, on Sept. 22-23, 2016, invited by Prof. Michele Mosca.

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> Benefit: The IQC/ETSI Workshop on Quantum-Safe Crypto is directly relevant to NIST's ongoing project to

develop standards for post-quantum cryptography, and is a good venue to communicate with other stakeholders in government, industry and academia from around the world. Fall 2016 is an important time, as NIST will be publishing a formal Call for Proposals around then. IQC in Waterloo is a major research center in quantum computing, which is relevant to many NIST projects in that area.

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> Total Cost: \$2502

> Airfare: \$505 + \$505 = \$1010 (unrestricted YCA airfare)

> Per diem: \$559 (\$115 for 3 days in Toronto + \$107 for 2 days in Waterloo)

> Hotel: \$823 (\$193 for 3 days in Toronto + \$122 for 2 days in Waterloo)

> Departure Local Transportation: \$20

> Destination Local Transportation: \$90

> Registration: \$0

> Misc.: \$0

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> Special Requests / Requirements: Conference registration is free. No personal days.

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> Thanks!

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> --Yi-Kai