From:
 Moody, Dustin (Fed)

 To:
 Mukes, Vickie J. (Fed)

 Cc:
 Chen, Lily (Fed)

Subject: Re: Conference Registration

Date: Thursday, April 20, 2017 9:12:16 AM

## Ok, Thanks.

From: Mukes, Vickie J. (Fed)

Sent: Thursday, April 20, 2017 9:06:57 AM

**To:** Moody, Dustin (Fed) **Cc:** Chen, Lily (Fed)

**Subject:** RE: Conference Registration

The registration fee includes food. I cannot use my card for food. You'll need to use your credit card. And, submit your expenses on May 18<sup>th</sup> to me.

Thanks, Vickie

**From:** Moody, Dustin (Fed)

Sent: Thursday, April 20, 2017 8:24 AM

To: Mukes, Vickie J. (Fed) < vickie.mukes@nist.gov>

**Cc:** Chen, Lily (Fed) < lily.chen@nist.gov>

**Subject:** Conference Registration

Vickie,

Can you register me for this workshop:
International Cryptographic Module Conference 2017
<a href="https://icmconference.org/?event=registration-icmc17">https://icmconference.org/?event=registration-icmc17</a>

It is in DC. I only need to go for one day (Wed. May 17), so in the registration options you can select a 1-day pass.

Thanks,

Dustin

From: Chen, Lily (Fed)

Sent: Wednesday, April 19, 2017 4:49 PM

To: Moody, Dustin (Fed)

Subject: Re: Are You Quantum-Safe? 10 Sessions Help You Prepare. Fees Go Up Again Tuesday.

Hi, Dustin:

It is not an executive level conference but a conference for cryptographic module validation (as its original planned). NIST CMVP runs the show. Most attendees are industry and labs. It has been growing to very big. There are many tracks. Quantum -safe track is one of them. For example, Meltem submitted an abstract on 800-90 work and is accepted.

I think it is a good opportunity to interface with the cryptographic module validation people. But on the other hand, it is an event people will talk with us on what we haven't approved or ask if we can approve some special cases. For that reason I have been reluctant to attend before for putting myself to that spot. But that is my job and I shall not avoid.

In summary, it is a good opportunity to interface with the module validation community. They started to have the quantum-safe track last year. Since I have to be there for the obligation I mentioned, I accepted the invitation for this talk. You will be helpful on the discussions if you like to be there. Please ask Vickie to register you, if you plan to go.

Lily

**From:** Moody, Dustin (Fed)

**Sent:** Wednesday, April 19, 2017 3:32:12 PM

**To:** Chen, Lily (Fed)

Subject: FW: Are You Quantum-Safe? 10 Sessions Help You Prepare. Fees Go Up Again Tuesday.

Lily,

Michaela forwarded this to me. It looks like you are speaking at it. Is this more an executive level type event? Do you think I should go, or that I don't need to worry about it? Thanks,

Dustin

**From:** lorga, Michaela (Fed)

**Sent:** Wednesday, April 19, 2017 3:23 PM

**To:** Moody, Dustin (Fed) < <a href="mailto:dustin.moody@nist.gov">dustin.moody@nist.gov"> ; Perlner, Ray (Fed) < <a href="mailto:ray.perlner@nist.gov">ray.perlner@nist.gov</a>> ;

Alperin-Sheriff, Jacob (Fed) < <u>iacob.alperin-sheriff@nist.gov</u>>

**Subject:** FW: Are You Quantum-Safe? 10 Sessions Help You Prepare. Fees Go Up Again Tuesday.

In case you are interested...

**From:** Bill Rutledge <br/>
bill=cnxtd.com@mail103.atl111.rsgsv.net<br/>
on behalf of Bill Rutledge <br/>
bill@cnxtd.com<br/>

Reply-To: "us10-05498dcc70-ccc5d125f1@conversation01.mailchimpapp.com" <us10-

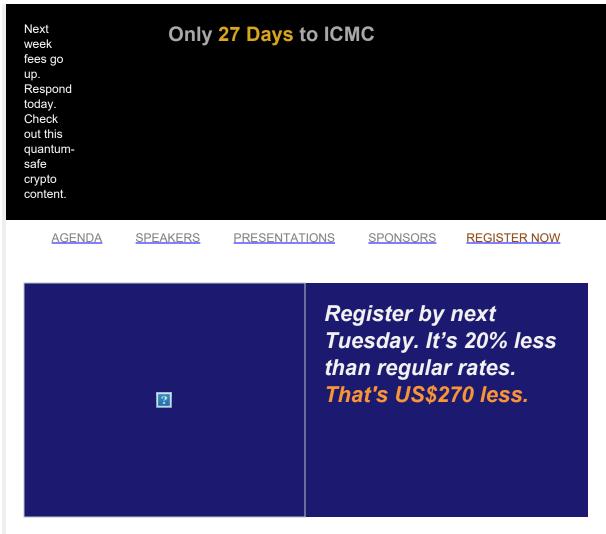
## 05498dcc70-ccc5d125f1@conversation01.mailchimpapp.com>

Date: Wednesday, April 19, 2017 at 1:04 PM

**To:** "lorga, Michaela (Fed)" < <a href="michaela.iorga@nist.gov">michaela.iorga@nist.gov">michaela.iorga@nist.gov</a>

Subject: Are You Quantum-Safe? 10 Sessions Help You Prepare. Fees Go Up Again

Tuesday.



Emerging Technologies Will Eventually Break Public-Key Cryptography. We'll Take a Close Look at What's Being Done to Prepare.

It's a leading threat in the medium term. Many approved algorithms can be easily broken by theoretical quantum computers. We've scheduled a day's worth of content focused on this emerging threat, as well as the transition to standardized quantum-safe algorithms. Take a look at the scheduled sessions, below.

Over 200 have registered: see the list. Sign up before April 25, and you'll get 20% off of regular fees. It only takes a moment: click here. The conference has grown by 44%, featuring 144 speakers with expanded international representation and added conference content on open source cryptography, industry-vertical applications, common criteria, the

evolution of FIPS 140, and reports from global CM verification bodies.

## Quantum-Safe Crypto Presentations

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**Keynote: Update on ETSI QSC Standards Activities (Q11a)** 

Mark Pecen, CEO, Approach Infinity, Chairman, ETSI QSC

More...

?

Update on the Quantum Threat, Mitigation Timelines and Managing Quantum Risk (Q11b)

Michele Mosca, University Research Chair and Co-Founder, Institute for Quantum Computing, University of Waterloo; Co-Founder & CEO, evolutionQ

More...

?

Quantum Threat...and Quantum Solution (Q11d)

Bruno Huttner, Quantum Safe Product Management, ID Quantique SA

More...

?

NIST Post-Quantum Cryptography Standardization (Q12a)

Lily Chen, Mathematician, NIST *More...* 

?	How to be Ready for Tomorrow's Quantum Attacks (Q12c) Vladimir Soukharev, Cryptographer, InfoSec Global Inc. More
?	Preparing Today for Key Management in a PostQuantum Computing World (Q13a) Tanja Lange (Pictured), Technische Universiteit Eindhoven; Tony Cox, VP Partners, Alliances and Standards, Cryptsoft Pty Ltd.  More
?	CRYSTALS and Open Quantum Safe (Q13c) Tancrède Lepoint, Computer Scientist, SRI International More
?	Post Quantum Cryptography and the Future of Digital Signatures (Q14a) Florian Caullery, Dark Matter More
?	Timing and Side-Channel Countermeasures for Quantum-Safe Cryptography (Q14b) William Whyte, Chief Scientist, Security Innovation More

## **Experience with Quantum Key Distribution** (Q14c) Konstantinos Karagiannis, CTO, Security Consulting ? Practice, BT Americas More... Each Day Begins with Keynote Sessions **NEW THIS YEAR:** Each day at ICMC starts with keynote presentations. These high-level speakers will provide a range of perspectives on current challenges in commercial cryptography, and will set ? the tone for entire program. More... **Preview the Conference: Get Free Access to the Complete ICMC16 Audio Archive** Join our email list now and you'll get access ? to the complete audio archive from last year's conference including high-quality audio files and conference slide presentations: You'll enjoy this high-level content from 77

speakers, 72 sessions and over 45 hours of

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