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The symposium will begin shortly





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Applied Crypto Symposium: Cybersecurity in the Age of Quantum Computing

December 9, 2020

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Secure Technology Alliance

The Secure Technology Alliance is a not-for-profit, multi-industry association working to stimulate the understanding, adoption and widespread application of secure solutions.

We provide, in a collaborative, member-driven environment, education and information on how smart cards, embedded chip technology, and related hardware and software can be adopted across all markets in the United States.

What We Do

Bring together stakeholders to effectively collaborate on promoting secure solutions technology and addressing industry challenges

Publish white papers, webinars, workshops, newsletters, position papers and web content

Create conferences and events that focus on specific markets and technology

Offer education programs, training and industry certifications

Provide networking opportunities for professionals to share ideas and knowledge

Produce strong industry communications through public relations, web resources and social media



Our Focus

Access Control
Authentication
Healthcare
Identity Management
Internet of Things
Mobile
Payments
Transportation

Member Benefits

Certification
Council Participation
Education
Industry Outreach
Networking
Technology Trends

About Utimaco

Utimaco is one of the world's leading provider of cybersecurity solutions, with headquarters in Aachen (Germany) and Campbell, CA (USA). Utimaco specializes in encryption, key management and data protection solutions delivered on premise and as a service.

Utimaco designs, develops, manufactures, operates and supports hardware security modules and key management solutions, as well as compliance solutions for telecommunication providers in the field of regulation.

Utimaco stands for recognized product quality, user-friendly software, excellent support and products and solutions that effectively meet market requirements.

For more information, please visit <http://www.utimaco.com>

Introductions



- Randy Vanderhoof, Secure Technology Alliance



- Michele Mosca, evolutionQ



- Lily Chen, NIST



- Brian LaMacchia, Microsoft Research



- Dieter Bong, Utimaco IS GmbH

APPLIED CRYPTO SYMPOSIUM

CYBERSECURITY IN THE AGE OF QUANTUM COMPUTING



AGENDA	TOPIC	SPEAKER
12:00-12:10 ET	Introduction	Randy Vanderhoof, Secure Technology Alliance
12:10-12:30 ET	The Latest View on Quantum Computing and Its Impact on Critical Digital Infrastructures	Michele Mosca, evolutionQ
12:30-12:50 ET	Post Quantum Cryptography – Standardization and Transition	Lily Chen, NIST
12:50-12:55 ET	Break	
12:55-1:15 ET	Getting Ready for the Post-Quantum Transition	Brian LaMacchia, Microsoft Research
1:15-1:35 ET	The Impacts of Post Quantum Cryptography	Dieter Bong, Utimaco
1:35-2:00 ET	Q&A and Wrap-Up	Randy Vanderhoof, Secure Technology Alliance





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Q&A





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Break



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