Program

Welcome and Introduction
Chris Luebkeman, Arup Foresight

Talks

Technology, Transparency, and Governance
Christina Ayiotis, Cybersecurity & Information Governance
Leadership & Consulting

Cyber Security Trends 2018 – Threats and Opportunities
Matthias Bossardt, KPMG

Bridging Industry and Academia at ZISC
Lorenz Breidenbach, ETH Zurich

Global Cooperation for Trust and Security
Daniel Dobrygowski, World Economic Forum

Securing Value on the Ethereum Blockchain
Dan Guido, Trail of Bit

Balancing Global Cyber and Privacy Risks in the Midst of an Innovation Revolution
Norma Krayem, Holland & Knight

AI in Practice – What We Learned in Cyber Security
Raffael Marty, Forcepoint

Enabling Digital Transformation through Secure SD-WAN
Silvan Tschopp, Open Systems AG

Q&A

Networking Reception

Social Media: @eth_en, #ETH2NY, #Blockchain

Contact

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Security Technologies Enabling the Future: From Blockchain to IoT

Friday, June 22, 2018

6.00 pm
National Sawdust
80 N 6th St, Brooklyn, NY 11249

**Presented by ETH Zurich
in partnership with ZISC and the Greater Zurich Area**

How can we develop new models of cybersecurity that create trusted and safe digital networks? The Internet of Things (IoT), blockchain, and other technologies have the potential to bring transparency, security, and efficiency, but without a proper governing framework for their use, these innovations can leave us with a vexing set of governance challenges. This symposium aims to provide insight and a comprehensive overview of the latest trends, use cases, and research in the field of Security Technologies.

Greater Zurich Area Expanding business horizons

ZISC Zurich Information Security & Privacy Center

ETH Meets New York 2018, **www.eth2nyc.org**

Speakers

Chris Luebkeman's interest in the built environment propelling him to pursue a multi-faceted education, beginning with engineering and culminating in a Doctorate in Architecture from ETH in Zurich, a city to which he remains deeply connected. Chris gained valuable experience as the protégé of esteemed Spanish Architect, Santiago Calatrava. He subsequently turned to his other love, education, by accepting teaching positions at several prestigious universities. In 1999, Chris joined Arup as the co-Director for Research and Development. A couple of years later, he formed the Foresight, Innovation and Incubation team, which has evolved into its present form as Research + Foresight + Innovation.

#18 on Thomson Reuters' List of Top 50 Social Influencers in Risk, Compliance and RegTech, **Christina Ayiotis** provides strategic cyber consulting services. Founder of Georgetown Cybersecurity Law Institute, she served on AFCEA International's Cyber Committee/The Cybersecurity Canon Committee; taught a Masters Level *Information Policy* class; was CSC Deputy GC; and led programs at Booz Allen, EYI, & DTT. A *magna cum laude* graduate of VCU, she earned her JD from William & Mary Law School (Virginia State Bar & District of Columbia Bar/ Certified Records Manager). She is the extremely proud Mom of a 20-year-old PhD student in Neuroengineering at the Johns Hopkins University School of Medicine.

Matthias Bossardt is a KPMG Partner and leads KPMG's Cyber Security and Technology Risk Consulting practice in Switzerland. He is a member of KPMG's global cyber security leadership team and brings over 20 years of engineering and consulting experience. Matthias chairs the cyber security working groups of economiesuisse and of the Crypto Valley Association. He fosters innovative technology startups as an angel investor and mentor and serves on the advisory boards of Swiss Finance Startups and of Swiss Academy of Engineering Sciences. Matthias holds a Ph.D. in Information Technology and Electrical Engineering from ETH Zurich and a M.Sc. in Electrical Engineering from EPFL.

Lorenz Breidenbach is an SNF BRIDGE fellow in the System Security Group and the Zurich Information Security & Privacy Center (ZISC) at ETH Zurich, working to transfer technology from academia to industry. His current research is on blockchain security with a particular focus on trading and exchanges. Previously, he was at Cornell Tech and IC3 in New York, where he co-created thehydra.io and gastoken. io. Lorenz holds a Master's degree in Computer Science from ETH Zurich and spent time in industry at Google and Open Systems.

Daniel Dobrygowski is Head of Governance and Policy for the Global Centre for Cybersecurity at the World Economic Forum, the international organization for public-private cooperation. Prior to coming to the Forum as a Global Leadership Fellow, Daniel practiced law in San Francisco and Washington, DC, counselling clients on antitrust, consumer protection, and privacy matters. His areas of research include cybersecurity & resilience, intellectual property, internet rights, and corporate governance. Daniel holds a MPA from Harvard University's Kennedy School of Government, a JD from the University of California, Berkeley, School of Law, and a BA from the Johns Hopkins University.

Dan Guido is the CEO of Trail of Bits, a cybersecurity firm he founded seven years ago that applies cutting edge research to software security challenges. In the last two years, Trail of Bits has offered industry-leading blockchain security services for smart contracts, asset custody, and blockchain design. Using their deep expertise in cryptography, compilers, and program analysis, they have sought to secure the foundation of this infrastructure by building better tools and frameworks, particularly for Ethereum smart contracts. Dan leads these research initiatives within Trail of Bits, overseeing service delivery, research & development, and community outreach.

Norma Krayem is a Sr. Policy Advisor & Global Chair, Holland & Knight Cybersecurity & Privacy Team. She brings over 20 years of global policy experience and has held executive positions in the U.S. Departments of State, Commerce, Transportation. A well-known thought leader, she works with U.S & international regulators and other international organizations to speak and provide advice on a host of issues including cutting edge tech like AI, Big Data, FinTech, blockchain. She works with a host of sectors incl. banking/ financial services, energy, telecom, health,

Raffael Marty is vice president of corporate strategy at Forcepoint, and is responsible for how the company creates value across the different product offerings. Marty is one of the world's most recognized authorities on security data analytics, big data, and visualization. Previously, Marty ran security analytics for Sophos, a leading endpoint and network security company, launched pixlcloud, a visual analytics platform, and Loggly, a cloud-based log management solution. With a track record at companies including IBM Research, ArcSight, and Splunk, he is thoroughly familiar with established practices and emerging trends in the big data and security analytics space.

Silvan Tschopp is the VP of Customer Success for Open Systems in New York. He studied Computer Science at ETH Zurich and Ecole Centrale Paris and graduated with a Master of Science degree after completing his thesis in Computer Graphics with Disney Research Zurich. Since joining Open Systems AG in 2012, he held various positions in the customer success department and was responsible for the global network of large enterprise customers. In 2016, he relocated to New York to establish and further grow the business in the American market.