(IC)³ Members Fall Workshop

The (IC)³ Fall Workshop took place on October 18th

Stay tuned: Our next members workshop to be held in the spring of 2018

Corporate leaders traveled from around the globe to attend MIT's (IC)³ fall workshop on October 18th in Cambridge, Massachusetts. The event included several presentations, two panels, and a workshop. This one-day event ended with a poster session and reception in MIT's Samberg Conference Center, overlooking Boston. Highlights of this event included an illuminating presentation on blockchain and cybersecurity given by Professor Sandy Pentland, a productive working session led by Dr. Keri Pearlson on how to educate C-suite executives about cybersecurity concerns, two panel sessions, one moderated by Praveen Sharma, on risk-scoring

Michael Siegel presents major developments for (IC)³, including a new website.

and cybersecurity and the other moderated by Andrew Stanley on cybersecurity and the cloud. Other topics ranged from building a cybersecurity culture to the impact of cybersecurity on international trade. With a diverse group of highly engaged participants, discussions of cybersecurity issues and their real world applications were lively and rewarding. Photographs, graphic notes, and other event information can be found on the Members Only page of our website: http://ic3.mit.edu

Christophe Blassiau and Fred Cohn of Schneider Electric at the reception.

NEW NAME:

We are delighted to announce that (IC)³ has been renamed to:

Cybersecurity at MIT Sloan
The Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity

NCSA and NASDAQ Cybersecurity Summit

Michael Siegel and Stuart Madnick visit NASDAQ.

October was National Cyber Security Awareness (NCSA) Month, so this month, for the sixth year in a row, the NCSA and NASDAQ hosted their annual Cybersecurity Summit, "Securing Breakthough Technologies: The Next Five Years." Professor Stuart Madnick and Dr. Michael Siegel travelled to New York to attend this conference on cybersecurity culture and emerging cybersecurity threats to businesses and help ring the NASDAQ closing bell. Professor Madnick served on a panel along with industry leaders to discuss the Internet of Insecure Things and the problems that arise when new technology is introduced without built-in security features. A video of this panel will be available on our website (stay tuned for the URL).

# Kaspersky's Industrial Cybersecurity Conference

Matt Angle at Kaspersky's Industrial Cybersecurity Conference 2017.

(IC)³ researcher Matt Angle was among the first non-Russians, joining experts from Germany, Japan, and other countries, invited to Kaspersky's Industrial Cybersecurity: Safeguarding Progress conference from September 27th – 29th in St. Petersburg. Matt presented new research on emerging cyberthreats due to security vulnerabilities in industrial control systems.

Matt Angle posing with Eugene Kaspersky, the founder of Kaspersky Labs.

Lots of (IC)³ activity over the past couple of months – more coming in the next newsletter

Dr. Keri Pearlson Presented at the 2017 (ISC)² Security Congress
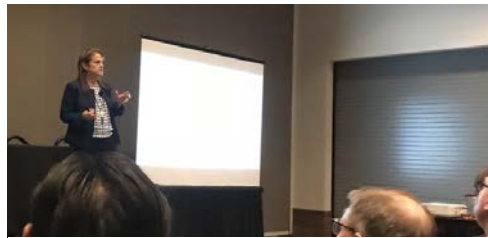
Dr. Pearlson presents at the 2017 Security Congress hosted by (ISC)².

In September, the International Information System Security Certification Consortium, or (ISC)², held its 2017 Security Congress in Austin, Texas this September, and included Dr. Keri Pearlson, who shared an overview of our research in her session "MIT Research on Managing and Leading Cyber Resilience in Critical Infrastructure Organizations."

(IC)³ Research Featured in New Book

The MIT Press is in the process of publishing a book called *New Solutions for Cybersecurity* that was edited by CSAIL researchers Howard Shrobe, David Shrier and Sandy Pentland. The book contains chapters written by members of the (IC)³ research team on topics on the management, organizations, and strategy of cybersecurity. The book was announced at the InfoSecurity conference in October. Advance copies of excerpts were distributed at the fall workshop.

Dr. Siegel and Professor Madnick pose with excerpts from the book at Infosecurity North America.

About Cybersecurity at MIT Sloan: (IC)³:

MIT is the natural place to study cybersecurity, given its rich history of technology innovation, and the MIT Sloan School is the perfect environment for the Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)³. The Consortium is focused on the managerial, organizational, and strategic aspects of cybersecurity. More information can be found at http://ic3.mit.edu or by contacting us:

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In the News

***Infosecurity Magazine** Cybersecurity and the CFO: Risk, Responsibility and Resilience* (October 2017) featured comments from Michael Siegel about the importance of investing in cybersecurity.

(See article here: https://www.infosecurity-magazine.com/opinions/cybersecurity-cfo-risk/)

Michael Siegel, a principal research scientist at MIT, calls the failure to continuously review and address known vulnerabilities the "inverse ROI of not doing cybersecurity."

***Datanami** AI, Machine Learning Among Top Cloud Workloads* (October 2017) mentioned Professor Stuart Madnick in relation to MIT Sloan's newly released Google-sponsored survey. (See article here: https://www.datanami.com/2017/10/26/ai-machine-learning-among-top-cloud-workloads/)

Stuart Madnick, a professor at MIT's Sloan School of Management, told the survey authors that cloud adopters could gain greater benefits by combining cloud services with a web services framework that enables the sharing of critical data inside organizations and with business partners.