

(IC)³ Spring Workshop held on April 5, 2017

The Spring (IC)³ workshop was at full capacity this past April. The agenda included sessions on cybersecurity impact on the adoption of new technologies, cyber-insurance as a risk mitigation strategy, blockchain benefits and vulnerabilities, security versus usability, defeating hackers of IoT devices, and international trade impacts of cybersecurity. A panel session on cybersecurity risk metrics, featuring five cybersecurity leaders, and a table-top exercise to teach board and C-level executives about cybersecurity rounded out the content. A poster-session reception provided for lively discussion following the content of the day. The (IC)³ Annual Conference will be held on July 10-11. Save the date!

*Spring Workshop
showcasing latest
research was at
capacity!*

Photos from Spring Workshop



Top left: MIT Student Juan Carrasocsa presents to the workshop. A full house of members and guests engage in discussion. Bottom left: The Cybersecurity Risk Metrics pane (left: Michael Siegel (MIT) Moderator, John Herd (Limelight), Andrew Stanley (Philips Healthcare), Jim Cupps (Liberty Mutual), Michael Siechrist (State Street) and Jerry Grochow (MIT), shares expertise, graphic recording of session highlights and key ideas.

(IC)³ Participated in the Financial Times CyberSecurity Summit

Financial Times Live held their summit "Is America Losing the Cyber War?" in Washington DC., on March 15, 2017. Professor Stuart Madnick from the (IC)³ participated in the panel session on "The Internet of Things – Attack Vulnerabilities and Solutions." See the video of this session here: <http://bit.ly/IC3FTCyberPanel>



*Professor Madnick
Spoke at the FT
Cyber Security
Summit*

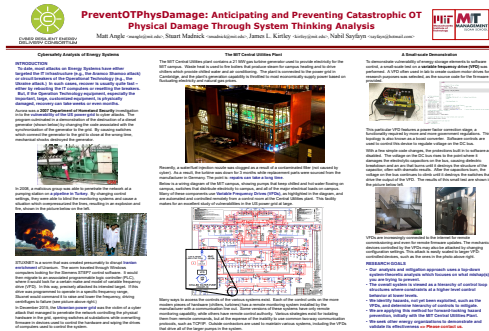
*Save the date for the
(IC)³ summer
conference: July 10-11*

(IC)³ Team Participated in CREDC Workshop

The Cyber Resilient Energy Delivery Consortium (CREDC) is a five-year, \$28.1 million research and development initiative that is funded by the Department of Energy and is focused on cybersecurity and cyber-resiliency of energy delivery systems for the electric power and oil & gas industries. In March 2017, the Consortium workshop highlighted many of the projects funded by this initiative, including a project from (IC)³, *Preventing OT Physical Damage: Anticipating and Preventing Catastrophic OT Physical Damage Through*



(IC)³ team: Keman Huang, Keri Pearlson, Michael Siegel, and Matt Angle



System Thinking

Analysis (poster image shown to the left). MIT Student Matt Angle represented the research team (which includes Stuart Madnick, James Kirtley, and Nabil Sayfayn) at the Consortium and presented a poster of the project ([Visit http://bit.ly/IC3CredCPowerPoster](http://bit.ly/IC3CredCPowerPoster) for larger version of the poster).

Upcoming Events

MIT Sloan CIO Symposium will be on May 24, 2017. There will be two sessions on cybersecurity being organized by the (IC)³. “Measuring ROI for Cybersecurity: Is It Real or a Mirage?” moderated by Dr. Michael Siegel and “You Were Hacked—Now What?” moderated by Dr. Keri Pearlson. For our (IC)³ members, you can get discounted \$99 registration fee by using the code IC3-VIP-17. Use this URL to register: <http://www.mitcio.com/>

The (IC)³ Annual Conference will be held July 10-11, 2017 at the MIT Sloan School of Management. **Save the date!** Last year’s conference was a favorite of members and attendees. We welcome up to 3 participants from attending organizations making this an excellent opportunity to involve colleagues and generate discussion around building a cyber resilient organization. Sessions will highlight recent (IC)³ research and include speakers on key topics of interest to our members. THIS IS AN INVITATION ONLY EVENT, so if you are not a member of (IC)³, please join soon so you can attend. Details about the agenda are coming soon.

About Cybersecurity at MIT:

The MIT Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)³, is one of three cybersecurity programs at MIT. It is focused on the managerial, organizational, and strategic aspects of cybersecurity. The other two programs are the Internet Policy Research Initiative (IPRI), focused on policy, and Cybersecurity@CSAIL, focused on improved hardware and software. More information on (IC)³ can be found at <http://ic3.mit.edu> or by contacting smadnick@mit.edu

(IC)³ in the News

Financial Times MBAs vs hackers: leaders of the future learn to fight cyber crime (April 2017) featured Stuart Madnick’s comments on the importance of flexible management thinking to manage cyber security. (See article here: <http://bit.ly/IC3MBAsvsHackers>)

Stuart Madnick says the high-level consequences of cyber attacks mean that they must be handled by executives who direct the company's strategy, rather than to the technical staff. Madnick taught network security in the college's MBA program, saying that companies need extremely flexible management thinking because hackers may be more unpredictable than natural disasters. "The hurricane will not change the direction because you know you are coming, but the network attacker can."

This article was also published in Chinese at FT China: [应对黑客攻击从MBA抓起](http://www.ftchinese.com/story/001072309) (See Chinese article here: <http://www.ftchinese.com/story/001072309>)

Rolling Stone WikiLeaks' CIA Document Dump: What You Need to Know (March 2017) interviewed Stuart Madnick for comments about the continued government breaches. (See article here: <http://bit.ly/IC3RollingStoneApril2017>)

Cybersecurity expert Stuart Madnick, head of the Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity at MIT, says the CIA is conflicted: "How dangerous is it to you if the vulnerabilities persist, or how valuable are the vulnerabilities if the CIA can use them? We need to decide as a nation."