

**Newsletter #18:**  
January – February 2018

# Newsletter

## ANNOUNCING:

### Cybersecurity at MIT Sloan Spring Workshop on April 4th

*Save the date:*  
*Cybersecurity  
at MIT Sloan (IC)<sup>3</sup>  
Spring Workshop  
will be held on  
April 4, 2018*

Cybersecurity at MIT Sloan's Spring Workshop is coming! The topic for this event is **Leading and Managing in a Cyber Crisis**. The latest agenda can be found on our website: <https://ic3.mit.edu/wp-content/uploads/2018-04-04-Agenda.pdf>

Current Draft Agenda includes these topics:

- Research Updates on 4 of our current projects
- Panel session of member experiences managing in an cyber crisis
- Keynote (TBA)

*Note: This workshop is by invitation-only for our Consortium members. To join us, contact Stuart, Michael or Keri for more information.*

### Cybersecurity at MIT Sloan holds Think Security 2018 IAP Class

During MIT's Independent Activities Period (IAP) this year, Cybersecurity at MIT Sloan, in collaboration with Kaspersky Labs, ran a four-day event focused on technical and managerial issues in critical infrastructure cybersecurity. The first two days of the seminar were dedicated to technical cybersecurity, with a focus on forensic analysis of incidents and the advantages of using YARA rules to detect cyberattacks. The second two days of the seminar covered managerial, strategic and organizational cybersecurity.

MIT's IAP is a four-week inter-session program open to the broader MIT community, during which a wide range of credit and non-credit events are offered. *Think Security* was a non-credit course with a number of fun activities such as a capture the flag game and an exercise on how to respond to a cyber breach, in addition to more traditional presentations. Attendees included MIT students and alumni, and members of Cybersecurity at MIT Sloan. The agenda can be found on our website: <https://ic3.mit.edu/wp-content/uploads/Think-Security-Agenda.pdf>

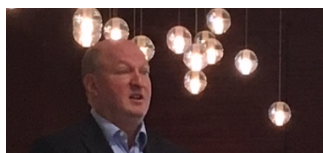


*Andrew Stanley (Mars, Inc.) makes a presentation about the CISO role and cybersecurity metrics.*



*Jill Areson-Perkins ((IC)<sup>3</sup> member from Liberty Mutual) and Dr. Keri Pearlson teach a session on building a cybersecurity culture.*

### Michael Siegel presented at McKinsey & Co.



*Dr. Siegel spoke at McKinsey & Co. about Cybersecurity at MIT Sloan.*

Dr. Michael Siegel, Co-Director of Cybersecurity at MIT Sloan, presented to a group of executives at the McKinsey & Company event on January 18, 2018. His presentation gave an overview of the consortium and its research, and took place at the McKinsey offices in downtown Boston. Dr. Keri Pearlson, the consortium's Executive Director, also attended.

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**Cybersecurity at MIT Sloan (IC)<sup>3</sup> research team meetings are open to members and are held most Fridays 11:30am – 1:00pm at MIT's Sloan School**

**If you would like to attend, please contact one of our Directors**

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## **Professor Madnick spoke at ARC Industry Forum Orlando 2018**



*Professor Madnick at the podium for the ARC Industry Forum*

Professor Stuart Madnick, Founding Director of Cybersecurity at MIT Sloan, kicked off the first day of the 22nd annual ARC Industry Forum with the consortium's latest research sponsored by CREDC in a presentation called "*Cyber Threats to Smart Cities Or ... 'Smart Cities' can be Dumb.*" In his presentation, he explained how smart amenities, transportation, and utilities (three of the twelve key smart city application sectors identified by ARC) have been exploited, which threatens the safety of the smart city as a whole. His presentation was part of the "*Smart Cities Cybersecurity Trends and Developments Workshop*" which included another speaker, Andy Bochman (Idaho National Lab), and a panel with David Lawrence (Duke Energy) and Francis Cianfrocco (Bayshore Networks)a, moderated by Sid Snitkin (ARC). This four-day forum took place in Orlando in mid-February, and drew managers and C-Suite executives of Operations, Engineering, Supply Chain and Logistics, IT, and Finance.

## **Upcoming Events**

**2018 MIT Sloan CIO Symposium** May 23, 2018. The topic of this year's Symposium will be "*Up Your Game from Vision to Execution.*" MIT alumni come together to offer the community a glimpse of research and current IT leadership topics. Cybersecurity at MIT Sloan will moderate a panel on cybersecurity and the CIO. <http://www.mitcio.com/>

**SAVE THE DATE: Cybersecurity at MIT Sloan (IC)<sup>3</sup> Annual Conference** July 16-17, 2018. Save the date for our 2018 Annual Conference, to be held on the MIT Campus. Details will appear on the events page of our website as they become available. <https://ic3.mit.edu/events/> . Members and guests are invited to attend our annual conference.

**MITCDOIQ Symposium** July 18 – 20, 2018. The MIT Chief Data Officer and Information Quality (MITCDOIQ) Symposium, on the MIT campus, is a three-day symposium geared towards the professional development of CDOs. Code "Madnick50" will give our members a 50% discount for this event. <http://www.mitcdoiq.org/>

## **In the News: A Sample of Recent References to Our Research**

**MIT Sloan Management Review** "Behind the Growing Confidence in Cloud Security" included quotes from Stuart Madnick.

"It doesn't provide much to boost an organization's flexibility and business processes 'if you're using the cloud just to displace hardware down in your basement,' says Stuart Madnick, professor of information technology at the MIT Sloan School of Management." See full article here: <http://bit.ly/MITSMRMadnickCloud2018>

**BBC News** "The labs that protect against online warfare" included quotes from Stuart Madnick and Michael Siegel. See full article here: <http://bit.ly/BBC2018MadnickSiegel> " 'We look at the strategic and managerial aspects of cyber-security, not just the actual hardware and software upgrades because 70-80% of cyber-attacks are aided or abetted by insiders, usually unintentionally,' [Madnick] says... 'The problem is that we still don't have an underlying narrative that clicking the mouse could bring down a company or a power plant,' says Siegel." See full article here: <http://bit.ly/BBC2018MadnickSiegel>

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### **About Cybersecurity at MIT Sloan: The Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)<sup>3</sup>**

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 Cybersecurity at MIT Sloan, *The Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)<sup>3</sup> research consortium.* The Consortium is focused on the managerial, organizational, and strategic aspects of cybersecurity. More information can be found at <https://ic3.mit.edu> or by contacting us:

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