

# (IC)<sup>3</sup> NEWSLETTER



Newsletter #15:

July–August 2017

## About Cybersecurity at MIT Sloan: (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 Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)<sup>3</sup>. 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 our team at [smadnick@mit.edu](mailto:smadnick@mit.edu) or [kerip@mit.edu](mailto:kerip@mit.edu).



Top left: Dr. David Clark addresses cybersecurity policy and technology on the first day of the two-day conference.  
Top right: Attendees enjoy a reception in MIT's Samberg Conference Center.



## Annual Conference: Leading Practices in the Management of Cybersecurity

On July 10th, Cybersecurity at MIT Sloan: (IC)<sup>3</sup> kicked off its annual conference in Cambridge, Massachusetts, welcoming members and invited guests to participate in discussions and hear presentations on the critical issues at the confluence of management and cybersecurity. Attendees shared the results of research projects, a few of which focused on cyber insurance, the ethics of ransomware attacks, exchanging data with competitors, and the best way to address



Left: A panel of Pietr Lindahl (Philips), Andrew Gravel (AIG), and Tara Hairston (Kaspersky) with moderator Andrew Stanley.



Right: Dr. Mohammad Jalali and Charlie Weinberg (BCG) talk during a break.

changing cybersecurity policy and regulations. By raising and exploring these and other important questions, the conference was a productive and informative event.

Over 1000 registered for HBR's cybersecurity webinar, led by Stuart Madnick.

## Stuart Madnick gives a successful webinar for the Harvard Business Review



On August 3<sup>rd</sup>, Professor Madnick led what ended up being one of *Harvard Business Review's* most popular webinars. The webinar, “**Cybersecurity Strategy for the C-Suite,**” created awareness and provided guidance for dealing with consequences of poor cybersecurity practices in business, as well as strategies for avoiding damage to an organization's financial processes, reputation, property, and employees. Prof. Madnick highlighted the importance of safe cybersecurity practices and provided C-level attendees with steps that can be taken to prevent

breaches and other cyberattacks. Watch this presentation on HBR's website: <https://hbr.org/webinar/2017/07/cybersecurity-strategy-for-the-c-suite>.

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*Save the date for the  
(IC)<sup>3</sup> Fall Workshop:  
October 18<sup>th</sup>*

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## (IC)<sup>3</sup> Presents...

### Keri Pearlson

#### (ISC)<sup>2</sup> Security Congress

September 26<sup>th</sup>, 4:15 pm

Austin, TX

Dr. Pearlson will be making a presentation entitled “MIT Research on Managing and Leading Cyber Resilience in Critical Infrastructure Organizations.”

<http://congress.isc2.org>

### Stuart Madnick

#### Healthcare Security

##### Forum

September 11<sup>th</sup> – 13<sup>th</sup>

Boston, MA

Alongside speakers such as President Obama’s Cybersecurity Coordinator Michael Daniel, Professor Madnick is scheduled to present “The Door’s Locked but the Key is Under the Mat – or, What Executives Get Wrong About Cybersecurity.”

<http://www.himssconference.org/>

### Matt Angle

#### Industrial Cybersecurity 2017

September 27<sup>th</sup> – 29<sup>th</sup>

St. Petersburg, Russia

Matt will be representing (IC)<sup>3</sup> at the Industrial Cybersecurity Conference hosted by Kaspersky. He will present our research on cybersecurity of industrial control systems.

<https://ics.kaspersky.com/conference/>

## Registration is Now Open for the October 18<sup>th</sup> Fall Workshop

Registration has opened for (IC)<sup>3</sup> members for the Fall Workshop, scheduled for October 18<sup>th</sup> at MIT’s Sloan School. **Special Guest: Professor Sandy Pentland** will be joining us at this workshop and will share thoughts from his recent research on blockchain and cybersecurity. The Agenda is still being finalized, but will include an update on some of the Consortium’s recent research, a panel discussion on Cybersecurity and the Cloud, a workshop on educating the C-suite about cybersecurity, and more. Members will receive a link to the registration site. If you are not a member of (IC)<sup>3</sup>, please consider joining us and attending our workshop. Contact us for more information. The latest version of the agenda can be found at: [http://ic3.mit.edu/sites/default/files/documents/IC3\\_Oct\\_2017\\_Workshop\\_Agenda.pdf](http://ic3.mit.edu/sites/default/files/documents/IC3_Oct_2017_Workshop_Agenda.pdf)

## Natasha Nelson Presented (IC)<sup>3</sup> Paper at AMCIS in Boston

This August, the Americas Conference on Information Systems (AMCIS) came to Boston, and the agenda included a presentation of a joint study conducted by Stuart Madnick and MIT graduate (and (IC)<sup>3</sup> researcher) Natasha Nelson. This talk explored how different businesses attempt to balance cybersecurity investments with digital innovation to keep from being too reckless or too conservative. The slides from this presentation can be found on our website: [http://bit.ly/IC3\\_Innovation](http://bit.ly/IC3_Innovation) and her paper can be found on the Materials for Members section of our website.



Natasha Nelson presents “Studying the Tension Between Digital Innovation and Cybersecurity.”

## Coming Soon: Updated Website for (IC)<sup>3</sup>

(IC)<sup>3</sup> is in the final stages of creating a new look and feel for our website. The new website is more modern and easier to navigate, but still contains all the information from the previous website. Links provide access to latest research, articles and quotes from (IC)<sup>3</sup> leadership in the news, information on how to join for new members, summaries from recent events, and backgrounds on (IC)<sup>3</sup> researchers and affiliated faculty. The URL will continue to be <http://ic3.mit.edu>. Stay tuned for our official unveiling!

## (IC)<sup>3</sup> in the News

**The Wrap**, “Did Apple’s Tim Cook Just Sell Out to Chinese Censors?” (July 31, 2017)

<http://www.thewrap.com/apple-tim-cook-sells-out-to-china/>

*The Wrap*’s Sean Burch reported that Apple chose to ban all Virtual Private Network (VPN) apps in the App Store across China, rather than stand up to the government’s strict censorship laws. Stuart Madnick commented on the issue in this article, stating “It may actually be a better business decision for [Apple] to have held the line and shown the moral high ground for the rest of the world, which are the buyers of most of their iPhones.”

**LifeHacker**, “We Asked Five Security Experts If Smart Locks Are Ever Safe” (Aug 18, 2017)

<http://lifehacker.com/we-asked-five-security-experts-if-smart-locks-are-ever-1797910643>

In an article about smart locks, Stuart Madnick weighs the risks and benefits of such technology: “You may buy a stronger lock for your door, but if you still leave the key under the mat, are you really any more secure?”

**Healthcare IT News**, “14 reasons why you should be at the Healthcare Security Forum on Sept. 11” (Aug. 16, 2017)

<http://www.healthcareitnews.com/slideshow/14-reasons-why-you-should-be-healthcare-security-forum-sept-11?page=1>

This article lists Stuart Madnick as the #1 reason to attend the Healthcare Security Forum.