

Newsletter #21: July – August 2018

Newsletter

Cybersecurity at MIT Sloan's 1-Day Workshop this Fall: Cybersecurity for Non-Technical Managers SAVE THE DATE October 24, 2018

This will be a unique opportunity for members to send colleagues for an MIT overview of managing and leading.

Registration info will be sent to members directly. If you would like to attend and are not currently a member, please contact us.



Julie Zhang (CAMS student) shares research done with Dr. Mohammad Jalali, CAMS Research Scientist, at the conference reception.



Michael Siegel's opening presentation on Day 1 of the 2-day conference.

2018 Annual Conference on July 16-17

This July, Cybersecurity at MIT Sloan's 2018 Annual Conference addressed the way we measure, discuss, and govern cybersecurity with a focus on how to answer the question **"How Secure Are We?"** This event featured a workshop session, presentations by MIT all-star Professors Peter Weill, Retsef Levi, and our own Stuart Madnick, research updates from CAMS staff, and a panel of cyber professionals on metrics. With over 80 attendees

from government and academia, as well as industries ranging from defense contracting to healthcare, the conference lasted for 1.5 days, with a reception at the end

> of the first day. Held on the MIT Sloan campus, this event was a fun opportunity to network and learn about challenges and their mitigation strategies. Photographs, presentation slides, handouts, research posters, and session summaries can be found on the Members Only page of our website. See final agenda at https://cams.mit.edu/wpcontent/uploads/CAMS_July_16_18_Agenda.pdf

Exec Ed Sessions to be featured at October Event

The CAMS Fall workshop will be a 1-day workshop for CAMS members and their business partners. We all agree that cybersecurity is everyone's responsibility. Who in your organization would benefit from better understanding of the strategic and organizational importance of cybersecurity leadership? This is your opportunity to invite them to attend a 1-day workshop at MIT with our consortium leaders. We will share sessions we are including in an executive education program that Sloan is offering later in 2018 and several times in 2019. Our workshop is free for our members and partners to attend. The exec ed program will have an enrollment fee so save the date and invite your partners to MIT in October. Members can send 1 or 2 colleagues, Partners can send up to 5 colleagues to this program. Watch for more information in your inbox soon.

Keri Pearlson Participated in Cybersecurity Culture Webinar



Dr. Keri Pearlson was a speaker at the (ISC)² ThinkTank Webinar in July. The session, titled "Culture Club: Developing a Culture of Security at an Organization" was a chat with Erich Kron, Security Awareness Advocate at KnowBe4, Spencer Wilcox, Executive Director of Technology and Security at PNM Resources, and Keri

Pearlson of Cybersecurity at MIT Sloan. The discussion was moderated by Brandon Dunlap from Amazon, and can be viewed in full here: https://www.brighttalk.com/webcast/5385/328505

Stuart Madnick Opened the MIT's 12th

CDOIQ Symposium

The MIT Chief Data Officer and Information Quality (MITCDOIQ) Symposium is an annual event that focuses on the management and leadership of data in the 21st century. Professor Madnick was a keynote speaker presenting a lecture on "Cyber Security of Your Data" and Dr. Pearlson led a session later in the day titled "Building a Culture of Data Protection", sharing recent CAMS research on cybersecurity culture. The theme of the symposium was "Exploiting Data Capital for Organizational Performance" and was attended by CDOs and IQ Professionals from a variety of industries.



Prof Madnick with Richard Wang and Yang Lee (MIT) at the 2019 CDOIQ Symposium.

Chongqing University Students Visited CAMS

Early in August, Drs. Keman Huang and Keri Pearlson spent a half day with visiting computer science and electrical engineering students from Chongqing University in China. The students were part of an exchange program designed for them to learn about MIT and to spark ideas about how to make an impact on the global community. Keri led a session on managing cybersecurity breaches and Keman shared his work on the dark web. The students had little experience with cybersecurity and found the very interactive session both entertaining and informative.

Upcoming Events

CREDC 2018 Industry Workshop September 11 – 13, 2018. This year's CREDC Industry Workshop will be held in the Samberg Conference Center on the MIT campus. The 1.5-day program features invited speakers and panelists from industry, national labs, and government agencies that focus on emerging and critical topics in EDS cybersecurity and cyber resiliency. For more information, visit: https://publish.illinois.edu/2018credciw/

Cybersecurity at MIT Sloan (IC)3 Fall Workshop October 24, 2018. With a new format, the fall workshop will feature exec ed sessions, which make it an excellent chance to educate your business partners about cybersecurity. Watch your inbox and the CAMS Events page for more information: https://cams.mit.edu/events

Cybersecurity at MIT Sloan $(IC)^3$ Executive Program November 6 – 7, 2018. The goals of this 2-day program include raising awareness of cybersecurity issues, understanding NIST Framework for policy and management planning, developing actionable ideas to increase cyber resilience, and understanding the cybersecurity issues to be managed and the role of non-tech leaders in cybersecurity management. For more information, visit: https://executive.mit.edu/openenrollment/program/cybersecurity-leadership-for-non-technical-executives/#.W5FKHehKhnI

In the Press

"Oops. DNC Cyber Attack Backtrack Casts Doubt on Midterms' Security" quoted Stuart Madnick on August 23, 2018 in *Inside Sources*. https://www.insidesources.com/ oops-dnc-cyber-attack-backtrack-casts-doubt-on-midterms-security/ "Instagram hacks raise questions about its 2FA Security" quoted Stuart

Madnick on August 22 in *Mashable*. https://cams.mit.edu/wp-content/ uploads/2018-08-22-Mashable-Instagram-hacks-raise-questions-about-its-2FAsecurity.pdf

"With 5G, Cybersecurity Researchers See a Hotbed of Security Risks" quoted Stuart Madnick on August 22 in *Inverse*. https://www.inverse.com/article/48293-5g-future-cybersecurity-risks

"FCC Denies Cyber Attack Ever Happened, But the Evidence Isn't Clear-Cut" quoted Stuart Madnick on August 8, 2018 in *Inside Sources*. http://www.insidesources.com/ fcc-denies-cyber-attack-ever-happened-evidence-isnt-clear-cut/

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

> Stuart Madnick, Director smadnick@mit.edu Michael Siegel, Director msiegel@mit.edu Keri Pearlson, Executive Director kerip@mit.edu

2

Cybersecurity at MIT Sloan (CAMS) 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