

Newsletter #45: July-August 2022



Newsletter

Workshops

SAVE THE DATE!

The next in-person CAMS Members Only Workshop will be on Nov 3, 2022. This meeting will be a discussion and research update on cyber resiliency. Join CAMS today to participate in our next workshop!

Did you know...

Our CAMS team, in partnership with MIT Sloan Exec Ed, offers four cybersecurity management programs for your business partners and non-technical executives

For more information, visit

<https://cams.mit.edu/events>

Charting a Course for Cybersecurity Regulations: CAMS August Event

The CAMS August meeting featured Dr. Jeff Proudfoot and his research on navigating cybersecurity regulations. The outcomes of this research aim to provide scientific validation of perceptions, create a foundation for more granular investigation, and have the potential to impact policy. Many issues with regulations impede security: unfit regulators struggle to understand the importance of what they are enforcing, when regulations are too specific, they often become unsuitable in a rapidly evolving cybersecurity landscape, and the more complex the regulatory environment, the more costly it is- and the more resources it takes from the day-to-day work. On the positive side, regulations can help organizations identify and close gaps, and justify and facilitate resource allocation to cybersecurity. They force organizations to fight through operational friction that might otherwise be a deterrent.

Singapore Campus for Research Excellence and Technological Enterprise (CREATE) project welcomed CAMS Director



Stuart Madnick, CAMS Founding Director, traveled to Singapore to participate in a review of a Singapore Campus for Research Excellence and Technological Enterprise (CREATE) project funded by the National Research Foundation (NRF). At CREATE, researchers from diverse disciplines and backgrounds work closely together to

perform cutting-edge research in strategic areas of interest, for translation into practical applications that can lead to positive economic and societal outcomes for Singapore.

Cybersecurity at All Levels: a LinkedIn Live Event with MIT Exec Ed

Keri Pearlson, CAMS Executive Director, led a LinkedIn Live event with MIT Sloan Executive Education. Cybersecurity is a complex problem that cannot be solved by technology alone. Different levels of the organization engage with cybersecurity in different ways. The requirements of Board Members and the C-Suite will vary from managers and frontline employees, but everybody needs to own cybersecurity as part of a pervasive organizational culture. Join Dr. Pearlson for the upcoming MIT Sloan Exec Ed. programs, Cybersecurity Governance for the Board of Directors and Cybersecurity Leadership for Non-Technical Executives.



Two New Wall Street Journal Publications

Keri Pearlson and Stuart Madnick were published in the Wall Street Journal in September. The first publication is titled "How Leaders Can Create a Cybersecure Workplace Culture", and it highlights actionable ways leaders can emphasize the importance of cybersecurity.

Read it here: ["How Leaders can Create a Cybersecure Workplace Culture"](#)

The second publication is titled "Why Companies need to Start Sharing More Information about Cyber Attacks", and explains how details on how long an organization was impacted and what it did to recover could be among the most helpful details companies reveal.

Read it here: ["Why Companies Need to Start Sharing More Information about Cyberattacks"](#)

CAMS Full Day Member Event this November: Cyber Resilience

After a very successful CAMS Cybersecurity Innovation Symposium (CCIS), CAMS invites our Members and Partners back to campus this fall for a full day workshop on cyber resilience. This will be a full-day in-person meeting consisting of a keynote presentation, research updates, and networking. The Cyber Resilience CAMS workshop will be on **November 3, 2022 at 8:00AM Eastern.**



Collaborating to Build a More Cybersecure World



Stuart Madnick met with representatives from the Aga Khan University to discuss potential collaborations between the ICT and Cybersecurity domains. Aga Khan is a university that educates leaders and creates solutions for the developing world. Madnick elaborated on the roadmap of cybersecurity for the future and how organizations and countries need to collaborate to see a safer future.

How to Align Cyber Risk Management with Business Needs

Michael Siegel, CAMS Director, published a paper with the World Economic Forum. Leaders routinely face difficult decisions in managing cyber risk, as exposure to cyber risk may threaten reputation, customer trust and competitive positioning, and possibly result in fines and lawsuits. In this context, leaders must cope simultaneously with shifting organizational priorities, changing budgets, technologies and employee headcounts as well as evolving adversary tactics and emerging security events, among other things. This complexity as a whole is referred to as the dynamic nature of cyber risk.



About Cybersecurity at MIT Sloan: Formerly the Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity, (IC)³

MIT is a natural place to study cybersecurity, given its rich history of technology innovation, and the MIT Sloan School of management is the home of the Cybersecurity at MIT Sloan (CAMS) 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:

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Upcoming CAMS Events – Please hold these dates

Member's Only Workshop: November 3, 2022

Friday Research Team Meetings: CAMS informal research team meetings are now virtual and open to anyone in the CAMS community who would like to attend. Held most Fridays from 11:30-12:30 p.m. EST. The topic for each meeting is announced on the Monday of the week. Send a note to one of the CAMS directors to join the email list.

Cybersecurity Executive Education Programs Developed by CAMS

Cybersecurity for Managers: A Playbook: (Six weeks) Sep. 15, 2022

Cybersecurity Leadership for Non-Technical Executives 2022 Oct. 31- Nov. 2, 2022

MIT xPro Professional Certificate in Cybersecurity: (24 weeks) Sep. 27, 2022

Cybersecurity for the Board of Directors: Nov. 30-Dec 2, 2022

CAMS In the News (links at <https://cams.mit.edu/in-the-press>)

September 8, 2022: Keri Pearlson and Stuart Madnick were published in the Wall Street Journal: [“How Leaders can Create a Cybersecure Workplace Culture”](#)

September 8, 2022: Stuart Madnick was published in the Wall Street Journal: [“Why Companies Need to Start Sharing More Information about Cyberattacks”](#)

August 30, 2022: Keri Pearlson led a LinkedIn Live Event with MIT Sloan Executive Education: [“Cybersecurity at All Levels: Build the Right Culture in your Organization.”](#)

August 29, 2022: Stuart Madnick wrote an article for Harvard Business Review: [“New Cybersecurity Regulations are Coming. Here’s How to Prepare.”](#)

August 18, 2022: Jeff Proudfoot was interviewed by the Cyber Ways Podcast: [“Cybersecurity Regulation and Maturity with Dr. Jeffrey Proudfoot.”](#)

August 4, 2022: Michael Siegel wrote an article for the World Economic Forum: [“How to align cyber risk management with business needs”](#)