Newsletter

CAMS Cybersecurity Innovation Symposium (CCIS):
What Does Cyberseurity Look Like Five Years From Now?

CAMS Cybersecurity Innovation Symposium asked the questions *what does cybersecurity look like in 5 years* and *what are the innovations we need to get us there*? CAMS Members and other CISOs and CIOs, researchers, thought leaders, innovators, policy makers, and students came together for a day of panels, presentations, and small group discussions on these two topics. Sponsored by CAMS, this event was made possible by donations from Arctic Wolf, ForgePoint Capital, and BitSight. The panels and group discussions brought forth insights such as tracking speed-based metrics, i.e. time to report and time to respond, to offer actionable ways to improve security and show that improvement to the board. AI and Machine Learning, while not yet the entire solution, are becoming more integrated with human-based security measures to improve response times as well as detection methods.

Organizational Panel
[Left to right: Keri Pearlson, Roger Grimes, Jill Areson-Perkins, and Rob Knake]

The CCIS Leaders
*[Left to right: Nagarjuna Venna, Keri Pearlson, and Damien Lewke]*

Cybersecurity as a Unifying Factor for Privacy and Trust

Angelica Marotta, CAMS Research Affiliate, presented CAMS research on The Haga Hospital Case at the 2022 International Association for Computer Information Systems conference (IACIS). The conference provided a showcase for the latest research in practice and pedagogical topics that focus on current and emerging topics in Digital Transformation & Management. This paper focused on analyzing security, privacy, and trust in healthcare compliance. Many questions about privacy and personal protection arose from her talk. She suggested ensuring communication and payments were from trusted sources and not connecting to public or unsecured wireless internet when logging into healthcare websites or applications.

Challenges Building the Largest Global Data Breach Database

The most exclusive information security conference in Brazil, You shot the Sheriff, after a two-year break due to the Covid-19 pandemic, returned and brought influential people in the Brazilian information security sector together. Nelson Novaes Neto, CAMS Research Affiliate, presented CAMS Research that helps to understand the challenges of proper visibility of security incidents on a global scale. These results help government entities, regulatory bodies, security, and companies to improve the quality of data breach reporting.
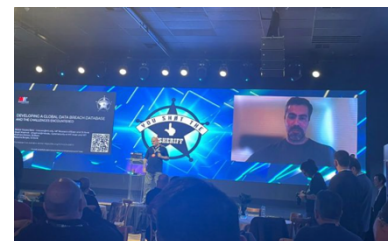
Exploring Regulations and Cybersecurity Maturity in Las Vegas

Stuart Madnick, CAMS Founding Director, and Nicholas Albertus Jansen van Rensburg, CAMS Research Affiliate, presented CAMS Research at the International Security Conference in Las Vegas, Nevada. Regulators are creating and deploying regulations to encourage organizations to improve their cybersecurity postures. In what ways do regulations influence organizational cybersecurity maturity? CAMS outlines 11 key insights the published paper, the first of which states that compliance can be your friend, and regulations are a good thing. Despite this, compliance does not mean secure, and security needs maturity. CAMS Members can read the rest of the 'nuggets' on the Members Only portal of the CAMS website. Cams.mit.edu

Announcing our new Exec Ed Program for Board of Directors

CAMS is pleased to announce our newest Exec Ed program: Cybersecurity Governance for the Board of Directors. Launching later this year, this course is a live-online professional certificate program for Directors. Boards have oversite and fiduciary responsibilities for their organization's cybersecurity and data privacy risk. Directors must be knowledgable participants in discussions with company executives. This course provides Directors with a board-appropriate set of basic cybersecurity issues, concepts, risks, frameworks, and approaches. Participants will leave with insights and ideas on how to assess whether management appropriately manages cybersecurity in their organizations. **DATES: Nov. 30- Dec. 2, 2022** Learn more here: https://bit.ly/3Ow2W4p

How Cyber Resilience has become a Key Competitive Advantage

Keri Pearlson and Stuart Madnick conducted a keynote and a panel session at the 2022 Chief Information Officer (CIO) Symposium.
Stuart Madnick - Keynote: Cybersecurity in an Increasingly Interconnected and Volatile World: https://youtu.be/CmgXNMcQMa8
Keri Pearlson - How Cyber Resilience has become a Key Competitive Advantage: https://youtu.be/DJq4HhZ67c8

Upcoming CAMS Events – Please hold these dates
Member's Only Webinar: August 4, 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): starts Aug 11, 2022
Cybersecurity Leadership for Non-Technical Executives 2022 (live): Aug 8-10, 2022
MIT xPro Professional Certificate in Cybersecurity: **(24 weeks):** starts July 26, 2022
Cybersecurity for the Board of Directors (live): Nov 30-Dec 2, 2022

CAMS In the News (links at https://cams.mit.edu/in-the-press)
June 21, 2022: Stuart Madnick wrote an article for *MIT Sloan Management Review*: "The Rest of the Cybersecurity Story. "Link: https://cams.mit.edu/wp-content/uploads/SMR_MADNICK.pdf
June 6, 2022: Keri Pearlson and Stuart Madnick wrote an article for the *Wall Street Journal*: "The Biggest Mistakes Companies Make with Cybersecurity- and How to Avoid Them." Link: https://on.wsj.com/3bxxcgJ
May 24, 2022: Stuart Madnick and Keri Pearlson were interviewed for a *TechTarget* article: "MIT Sloan Panelists urge cyber resilience focus." Link: https://bit.ly/3nuJauu
May 24, 2022: Stuart Madnick was interviewed by *Tech Republic*: "The digital workplace requires a Transformation in how people think and work" Link: https://tek.io/3npYuIE
May 18, 2022: Stuart Madnick was interviewed for *The Easy Prey* podcast: "Minimizing Damage from Cyberattacks with Stuart Madnick" Link: https://bit.ly/3OwxX8v

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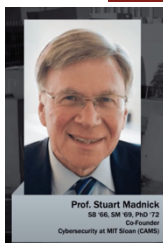*Formerly the Interdisciplinary Consortium for Improving Critical Infrastructure Cybersecurity,* (IC)[3]

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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