



**Newsletter #48:**  
January- February 2023

# Newsletter

## How does new cybersecurity legislation affect your business?

CAMS members and partners were invited to discuss new cybersecurity regulations with MIT researchers, Prof Stuart Madnick and Research Affiliate Angelica Marotta, for the first CAMS Members Meeting of the year. Regulatory compliance is of growing importance, driven by the publicity of cybersecurity events such as SolarWinds. Increasingly compliance regulations are in place to ensure resiliency through companies - and these new regulations may have been a successful wake up call to many executives about the state of their security.

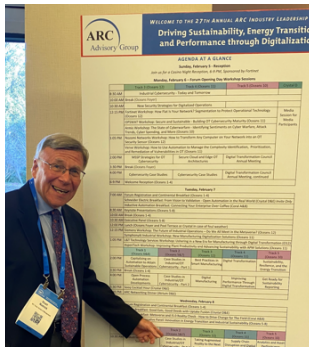
### Workshops

## SAVE THE DATES!

Dates for the 2023 CAMS Members Only discussions:

- May 11:** In-Person Symposium: *CAMS Cybersecurity Innovation Symposium (CCIS)*
- Jun. 1:** Virtual Discussion
- Sep. 7:** Virtual Discussion
- Oct. 11:** In-Person Workshop
- Dec 7.:** Virtual Discussion

## Driving Sustainability, Energy Transition, and Digitalization



The annual ARC Forum is a leading gathering of professionals from manufacturing, energy, infrastructure, and smart cities. The Forum focuses on both operational technologies (OT) and engineering technologies (ET) and associated business trends. Stuart Madnick was a speaker in two sessions: on case studies and building automation. In case studies, he presented counter-intuitive findings from CAMS research, such as the defenders actually have the advantage over the attackers, but often neglect to use it. In the cybersecurity of building automation session, he noted that smart buildings have many advantages, such as reported productivity boost as much as 37%, but they also present new cyber attack surfaces. He described cyber attacks that took control of lights, heating, door locks, etc. in office buildings.

## Inside MIT:

Keri Pearlson joined the MITCIO Symposium virtual event series to talk about the CAMS interdisciplinary consortium for improving critical infrastructure. These sessions are to promote the MIT Sloan CIO Symposium coming this May.



## Upcoming Summit:

This March, Keri Pearlson will be speaking at the Phoenix CIO Executive Leadership Summit. This summit focuses on prevailing leadership and technology trends including innovation to spur revenue growth, fostering collaboration and teaming, and harnessing advanced technology to drive cost reduction.

## Did you know...

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

For more information, visit

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

## Addressing New Regulations in the Aftermath of Cyber Attacks

We are excited to announce that the 2023 MIT Sloan CIO Symposium will include a Keynote by Prof. Stuart Madnick. In the aftermath of so many high-visibility cyber-attacks (e.g., the Colonial Pipeline shutdown), governments and agencies worldwide are proposing and enacting a wide range of new cybersecurity regulations for almost every organization. This imposes significant new responsibilities on the CIO and the entire organization, all the way up to the Board of Directors. In this session, we will discuss some of the major new regulations, their likely impacts, and how organizations need to adjust to address them.



## **Leading in Challenging Times: MIT Innovations in Management**

Keri Pearlson will be speaking at the 2023 MIT Innovations in Management Conference this March on the topic of an Action Plan for Cyber Resilience. Cybersecurity is about resilience – not protection. Although it is impossible to avoid all cyber risk, leaders can make their companies more resilient in the face of new threats. Join this conference to hear from MIT faculty and MIT Startup Exchange entrepreneurs to learn about their views on how to deal with some of these pressing issues, lead creatively and innovate in times of uncertainty.

## **Pathing the Future of Cybersecurity: The Vision Five Years from Now**

CAMS Cybersecurity Innovation Symposium is a one-day event bringing together students, innovators (VCs and Entrepreneurs), Policy Makers (White House, and others), CAMS Members (CISOs), and Researchers. The goal is to spend the day discussing cybersecurity five years from now and the roadmap to get there. We will have sessions on quantum computing, AI/ML, Cloud/Web3.0, and more. The excitement level is high for this year's event on May 11! Space is limited and attendance is by invitation only.

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

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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## **New CAMS Researcher to Guide the way to IT/OT Security**



Cybersecurity at MIT Sloan was pleased to add a fantastic and decorated Research Scientist to the CAMS team. Ranjan Pal is an Indian computer and decision scientist. He is also currently a network member of the Trust and Technology Initiative at the University of Cambridge, and an engaging member of the Cybersecurity Center at the World Economic Forum. Prior to joining MIT, Ranjan served on the full-time research faculty of the Electrical Engineering and Computer Science (EECS) department at the University of Michigan Ann Arbor, where he was also a faculty affiliate of the Michigan Institute for Data Science (MIDAS).

## **CAMS Human Risk Subgroup: Join our new Culture Club!**

Our new special interest group called the CAMS Culture Club, or more formally, the CAMS Human Risk Subgroup is in full swing. This group gathers for quarterly virtual meetings to share ideas on culture and discuss research on human risk management. This club is just one of the events exclusively for members of CAMS, so if you wish to join please email Lara at [laraw@mit.edu](mailto:laraw@mit.edu) for more details.

## **Upcoming CAMS Events in 2023 – Please hold these dates**

**CAMS Cybersecurity Innovation Symposium:** May 11, 2023

**Ongoing Research Community Workshops:** CAMS informal research team meetings are virtual and open to the CAMS community. Held most Fridays from 11:30a.m.-12:30p.m. Eastern, the topic for each meeting is announced on the Monday of that week. Interested in joining us? Please send a note to one of the CAMS directors.

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

**February 14, 2023:** Stuart Madnick was quoted in a Wall Street Journal Article:

**[Could Electric Vehicles be Hacked?](#)**

**February 6, 2023:** Ranjan Pal published an article in Forbes India:

**[“How Should Regulators Policy Cyber Insurance for Indian Businesses?”](#)**

**January 10, 2023:** Stuart Madnick was quoted in an article by Inside Higher Ed:

**[“Students and Experts Agree: TikTok Bans are Useless”](#)**

**January 4, 2023:** Stuart Madnick and Keri Pearlson co-authored a paper for the MIT Sloan Management Review: **[“An Action Plan for Cyber Resilience”](#)**

## **Cybersecurity Executive Education Programs Developed by CAMS**

**[Cybersecurity Governance for the Board of Directors:](#)** November 14-16, 2023

**[MIT xPro Professional Certificate in Cybersecurity: \(24 weeks\)](#)** March 29, 2023

**[Cybersecurity Leadership for Non-Technical Executives 2022:](#)** March 29-31, 2023

**[Cybersecurity for Managers: A Playbook: \(Six weeks\)](#)** March 21, 2023