

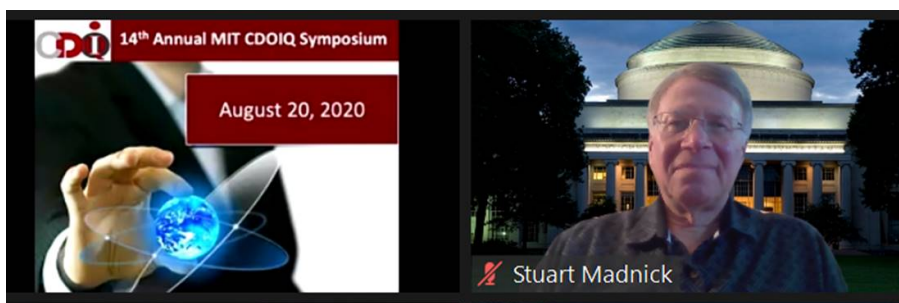


Newsletter #33: July-August 2020

Newsletter

Prof. Madnick Discussed AI Landscape at 14th MIT CDOIQ

On August 20, Prof. Madnick, CAMS Founding Director, was featured in a session at the Chief Data Officer – Information Quality (CDOIQ) Symposium called “Ethics, Decisions, and Trust in AI Systems of the future: What if Humans Can’t Agree?” In this session, he answered questions addressing the current AI application landscape and what technology, governance, and regulatory actions may help to build interpretability, accountability, and social trust into AI solutions. AI is not going to be perfect, but companies and governments have a responsibility to shareholders and the public to achieve the best outcomes with the least amount of side effects. The session concluded with what roles general managers can play in looking outward at what their organizations can do to build trustworthy AI.



CAMS Member Workshops Update

In response to MIT’s proactive efforts to control the spread of COVID-19 and keep our community healthy, CAMS Workshops have been converted into a series of webinars on various research topics. Contact our Directors for more information.

SCRAM Platform and New Insights on the Capital One Data Breach Shared by Researchers



On June 30, Dr. Taylor Reynolds, the Technology Policy Director of MIT’s Internet Policy Research Initiative (IPRI), held a discussion on SCRAM: Secure Cyber Risk Aggregation and Measurement for the CAMS members only webinar this June. The SCRAM platform uses cryptographic tools to gather data and calculate aggregated statistics about attacks and losses without requiring any firm to disclose their own attack and loss data to anyone else - even to MIT. This secure way to share information will accelerate research in data protection.

Did you know...

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

For more information, visit
<https://cams.mit.edu/events>

On July 29, Nelson Novaes, CAMS Research Affiliate and CTO at CAMS Partner C6 Bank, discussed his research on a case study he conducted on the Capital One Data Breach. Through the lens of data protection, privacy laws, and cybersecurity regulations, the Capital One case demonstrates what happens when a lack of proper controls are put in place. The study identified at least 61 controls that failed. These webinars are for CAMS members only, if you’re interested in joining our consortium, contact one of our directors below.



CAMS Members and Director Discuss COVID Impacts at MIT CIO Digital Learning Event



Clockwise from top left: Katie Jenkins, Danny Allen, Andrew Stanley, Keri Pearson

On July 29, Dr. Pearson, CAMS Executive Director, and CAMS Members Katie Jenkins (Liberty Mutual, and Andrew Stanley (MARS), participated in a panel on cybersecurity in the time of COVID-19. Dr. Pearson gave a presentation on how to protect yourself and your organization from harm, such as keeping your devices up to date and encouraging a cyber security culture by making heroes out of the people who work to protect assets. The panel discussed how to prepare for and recover from cyber incidents. Watch this panel here: <https://bit.ly/2QLzyv0>

Professor Madnick Spoke at an International Webinar on Financial Crime, Fraud, and Cybersecurity



Prof. Madnick shared his thoughts on cybersecurity in a webinar sponsored by the Supreme Audit Board of the Republic of Indonesia on July 28. He discussed the nature of cyber attacks. They can result in more than just financial loss; there is a significant impact on an organization's reputation and ability to operate. Managers must be aware of the risks, otherwise they are not likely to take the necessary actions to prevent, detect, and recover.

Keri Pearlson Participated in Two Events on Maintaining Cybersecurity Culture During a Pandemic

Dr. Pearlson participated in a panel in July for the Austin Society for Information Management (SIM) on managing technology and security during a pandemic. On August 26, she presented on a similar topic to the University of Sydney: building a strong cybersecurity culture. The takeaway of these webinars was to highlight the importance of building values, attitudes, and beliefs consistent with being more cyber secure.



Upcoming CAMS Events – Please hold these dates

Fall Member's Only Remote Workshop: September 30, 2020

Fall Discuss Member's only Research with the Researchers Webinar: October TBD

Winter Member's Only Events: November 5 and December 3, 2020

Friday Research Team Meetings: CAMS very informal research team meetings are now virtual and open to anyone in the CAMS community who would like to attend. Held most Fridays from 11:30-1pm Eastern. Send a note to the CAMS directors to join the email list.

Cybersecurity for Non-Technical Managers Executive Education Program

Next Live Online program: September 22-24, 2020

Online Program: Oct 7-Nov 24, 2020 | Dec 2, 2020-Jan 19, 2021 | Mar 3-Apr 20, 2021 | Apr 22-Jun 9, 2021 | Jun 24-Aug 11, 2021

Upcoming CAMS Presentations of Cyber Resilience Webinars

On September 17th, Dr. Pearlson and Prof. Madnick will both be presenting Cybersecurity Resilience webinars at the MIT Industrial Liaison Program's conference. Prof. Madnick will discuss the possible risks and a method referred to as "cybersafety" which increases our resilience by fully identifying and mitigating these cyber risks. Dr. Pearlson will present some of the current ways malicious actors are trying to get our money, steal company data, and will advise on actions to raise awareness and change behaviors of those around you to keep everyone secure. For more information, click here: <https://bit.ly/3hfKLig>

In the Press

August 20, 2020: Keri Pearlson was quoted by the MIT Sloan School of Management: "How to

Think about Cybersecurity in the Era of COVID-19" Link: <https://bit.ly/3bfP0sB>

August 14, 2020: Stuart Madnick wrote an article for the Harvard Business Review: "A

Cyberattack Doesn't have to Sink Your Stock Price" Link: <https://bit.ly/31LyT2H>

August 10, 2020: Keri Pearlson was featured on the Sibos Insider Podcast: "Cyber Culture and Risk Management" Link: <https://bit.ly/2QIaLrJ>

August 3, 2020: Keri Pearlson was interviewed by Mimecast: "The Role of Executive Training in Building a Cybersecurity Culture" Link: <https://bit.ly/3gO3b9t>

August 3, 2020: Stuart Madnick was quoted in the Boston Globe: "Trump's Shakedown of TikTok, in the name of National Security" Link: <https://bit.ly/3gL84Qx>

July 16, 2020: Keri Pearlson was quoted by CIO DIVE: "Why Anti-Phishing Exercises Could 'Alienate' Employees in Crisis" Link: <https://bit.ly/32JeQkV>

Recent Papers

(Available to CAMS Members at <https://cams.mit.edu/members-only/>)

August 28, 2020: Stuart Madnick wrote an article for the Harvard Business Review: "The TikTok Ban Should Worry Every Company" Link: <https://bit.ly/3IGApes>

July 1, 2020: Stuart Madnick published a paper in the Real Assets Advisor: "The Dark Side of 5G Technology" Link: <https://bit.ly/2ERW1nh>

About Cybersecurity at MIT Sloan: Formerly The Interdisciplinary Consortium for Improving Critical Infrastructure 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 (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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