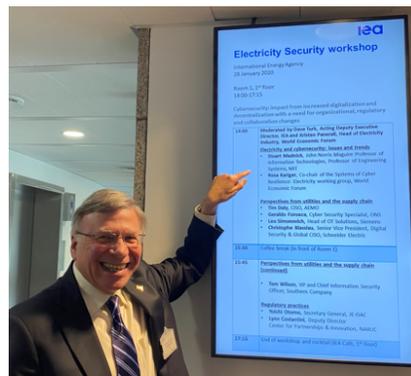


CAMS Team Attends CREDC Industry Workshop in Houston

This February, CAMS Executive Director Dr. Keri Pearlson, along with CAMS researchers Shaharyar Kahn and Matthew Maloney, attended the CREDC Industry Workshop in Houston, the industry consortium meeting for universities and researchers studying ways to increase resiliency in the energy delivery ecosystem. CREDC is a DOE funded consortium of universities around the US. CAMS involvement featured three research posters: endpoint security, operational resiliance, and preventing OT Physical damage. Participants had an opportunity to engage with CAMS researchers about development and technology; you can view these posters online at <https://cams.mit.edu/research>.



CAMS Director Presents Keynote at France's IEA Workshop



Prof. Stuart Madnick was a keynote presenter at the International Energy Agency (IEA) workshop on Electricity Security on Tuesday, 28 January 2020, in Paris, France, in support of a report that the IEA is developing on Electricity Security, in collaboration with the World Economic Forum (WEF). Trends in cybersecurity is one of the three focus areas of the report, along with transitioning to renewables and the impact of climate change. Top officials from government agencies and major corporations from around the world discussed these topics. Prof Madnick, in his presentation, discussed some of the key CAMS themes, including the critical role of top executives, the need for a cybersecurity culture throughout the organization, and the use of cybersafety analysis to identify vulnerabilities and suggest mitigation strategies.

CAMS Team Visits Exxon Mobil

CAMS Executive Director Dr. Keri Pearlson and Research Scientists Matt Maloney and Shaharyar Khan visited CAMS partner ExxonMobil's Campus in Houston. The CAMS team led a discussion on several research topics including managing cybersecurity in IoT devices, cybersecurity management of complex systems, strategies for cybersecurity in the cloud, building a culture of cybersecurity, and building products with cybersecurity in mind. The collaboration generated interesting discussions and research ideas around cybersecurity strategy, culture, and management.



CAMS Spring Member Workshop Update

In response to MIT's proactive efforts to control the spread of COVID-19 and keep our community healthy, CAMS has modified the March 25 Member Workshop. Instead of an inperson meeting, CAMS will be hosting a series of webinars on our workshop topic of cloud security. Contact our Directors for more information.

Did you know...

Our CAMS team, in partnership with MIT Sloan Exec Ed, has launched 2 cybersecurity management programs for your business partners and non-technical executives

Take these courses online or in person. For more information, Visit <https://cams.mit.edu/events>

CAMS Life Sciences Roundtable

Since CAMS home is in Kendall Square, the heart of the life sciences world in Cambridge, we have partnered with our neighbors to create quarterly round table event for cybersecurity executives in this industry. The goal of this group is to raise the experience and knowledge level of all who attend, and leave with at least one actionable cybersecurity item after every meeting. The topics discussed at these roundtables are taken from CAMS research, including metrics, risk management, cybersecurity culture, compliance and supply chain security. Our January roundtable featured Dr. Keman Huang's research on cloud security and was generously hosted by Wave Life Sciences. If you are a life sciences cybersecurity executive and are interested in attending, please reach out to Dr. Keri Pearlson, Executive Director of CAMS, at kerip@mit.edu.

Upcoming CAMS Events

Spring Member's Only Webinar: Discuss Research with the Researchers: April 30, 2020

Summer Member's Only Webinar: To Be Determined

Fall Member's Workshop: November 5, 2020

Winter Member's Only Webinar: To Be Determined

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. Want to join? Just let us know.

Cybersecurity for Non-Technical Managers Executive Education Program

In Person program: Jun 11-12, 2020 | Oct 27-28, 2020

Online Program: Feb 19-Apr 7, 2020 | Apr 22-Jun 9, 2020 | Jun 24-Aug 11, 2020

In the Press

February 15, 2020: Stuart Madnick was interviewed for a MIT Executive Education blog post: "[What Can We Learn From the Reported China Cyber Attack on Equifax?](#)"

February 14, 2020: Stuart Madnick quoted in an MIT Supply Chain Article: "[Five Supply Chain Articles that Deliver Competitive Advantage](#)"

January 23, 2020: Stuart Madnick wrote an article for *Harvard Business Review* "[How to Safeguard Against Cyber Attacks on Utilities](#)"

January 14, 2020: Stuart Madnick interviewed in *USA Today* "[Russians Hacked Ukraine company Burisma at Heart of Trump Impeachment, Cybersecurity Firm says](#)"

January 2020: Stuart Madnick was published in the *Sloan Management Review*: "[Blockchain: Isn't as Unbreakable as you Think](#)"

Recent Posters and Papers

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

[Companies Should Stop Telling Employees to Keep Changing Passwords](#) by Stuart Madnick for *The Wall Street Journal*, March 2020.

[Cybersafety Analysis of Industrial Control Systems: Industrial Chillers](#) by Shaharyar Khan and Stuart Madnick, January 2020.

["How to Safeguard Against Cyberattacks on Utilities"](#) by Stuart Madnick, published in the *Harvard Business Review* January 2020.

[Cybersafety: A System-theoretic Approach to Identify Cyber-vulnerabilities & Mitigation Requirements in Industrial Control Systems](#) by Shaharyar Khan, Stuart Madnick in *IEEE Transactions on Power and Energy Technology Systems*, January 2020.

[Cyber-Physical System Security Automation through Blockchain Remediation and Execution \(SABRE\)](#) by Matthew Maloney, Gregory Falco, and Michael Siegel, January 2020.

[PreventOT/PhysDamage: Anticipating and Preventing Catastrophic OT Physical Damage Through System Thinking Analysis](#) by Shaharyar Khan and Stuart Madnick, presented at CREDC 2020.

[Evaluating Effectiveness of an Embedded System Endpoint Security Technology on EDS: Defeating the Hackers of IIoT Devices](#): by Matt Maloney, Michael Siegel, Greg Falco, and Elizabeth Reilly. Presented at CREDC 2020.

[Scenario-Based Simulator for Operational Resilience During a Cyber Attack](#) by Keman Huang and Michael Siegel presented at CREDC 2020.

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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