

Executive Education Class of Spring '19



Executive Education Spring class of 2019 with their instructors, Professor Stuart Madnick, Dr. Michael Siegel, and Dr. Keri Pearlson

The latest session of the CAMS-led Executive Education program, *Cybersecurity Leadership for the Non-Technical Executives*, took place this April. The 2019 spring class participants included executives from many different industries and roles, including CEO, General Manager, Executive Vice President, Regional Sales Director, and more. The focus of the program is to create knowledgeable participants in cybersecurity to better prepare their companies for cyber resilience. Learn more at: <http://bit.ly/CAMS-executive-education>

Spring Workshop 2019: Evaluating Tradeoffs in Cyber Management

CAMS Spring Member's Workshop was held on April 29. The keynote speaker was **Richard Clarke**, former National Security Advisor to three US Presidents (2nd from left in photo with the CAMS directors), who shared his thoughts on *How to Move From Cyber War to Cyber Peace*. He noted that attackers in the cyber realm have had the advantage over defenders for twenty years. However, there is reason for hope: the technology already exists to sufficiently secure the key elements of infrastructure, but we must all play a part in implementing cyber protection. Some key highlights from the other sessions include:



Zero Trust Networks: CAMS researchers are exploring ways to provide dynamic threat response and mitigate attacks by preventing hackers from traversing a network once inside.

Impacts of Cybersecurity on Global Finance: Digital payment systems are an essential part of global markets, but regulations are complicated and often conflicting. Companies must shift from a regulation compliance to one of collaboration and building cybersecurity.

Threat Intelligence Databases: CAMS is mining a unique data set of Dark Web communications to find patterns and predict the changing cyber threat landscape.

CyberDoppler Risk Management Tool: CAMS is working with Partner BCG to develop a tool to systematically calculate the return on investment for cybersecurity projects and budgets.



The workshop included a panel of members discussing **Evaluating Tradeoffs in Cyber Management** (see photo). The day ended with a lightning round of short research updates, followed by a reception and research poster session.

Panelists (from left to right) Keri Pearlson (moderator), Gene Curcio (Liberty Mutual), Ilya Kabanov, (Schneider Electric), Andrew Stanley (MARS).

Interested in attending the next workshop? Contact CAMS Directors to join us.

Save these dates:
2019 CAMS EVENTS

Summer
Conference
07/23/19 – 07/24/19

Fall Workshop
10/18/19

**CAMS-LED
EXEC ED
PROGRAMS**

**CYBERSECURITY
LEADERSHIP FOR
NON-TECHNICAL
EXECUTIVES**
(an in-person workshop):
**JULY 16-17 AT THE
SLOAN SCHOOL**

**CYBERSECURITY FOR
MANAGERS: A
PLAYBOOK**
(an online program)

For more information,
visit:
<https://executive.mit.edu>
or click [HERE](#)



NCSA NASDAQ Cybersecurity Summit

On April 17, the National Cyber Security Alliance (NCSA) partnered with Nasdaq to host its spring Cybersecurity Summit at the Nasdaq MarketSite in Times Square. Experts from industry, government and the nonprofit sector convened to highlight overlooked approaches – from adapting response plans to building communications protocols – in order to reduce uncertainty and recover beyond IT. Dr. Siegel (featured in photo at left) was on a panel called *How to Reduce Uncertainty After A Breach*. Learn more about this event here: <https://staysafeonline.org/blog/incident-response-ncsa-nasdaq-cybersecurity-summit/>

Summer Conference Preview: A Celebration of Professor Madnick

Join us at the 2019 CAMS Summer Annual Conference on July 23 and 24. As Professor Madnick moves to an Emeritus Professor role at MIT, he will spend his time and attention on CAMS research. To commemorate this transition, CAMS summer conference will feature a retrospective look at highlights from Professor Madnick's 50+ years at MIT and the contributions his work has made to many technology fields including cybersecurity, data management, operating systems, and systems dynamics. Interested in getting involved in the planning? Reach out to Keri at kerip@mit.edu for more information.

Upcoming Events

Cybersecurity for the Non-Technical Executive July 16 – 17, 2019. CAMS and Sloan Exec Ed have partnered together to offer a 2-day program on cybersecurity for business executives who want to understand key issues in managing cybersecurity in the enterprise. **CAMS members receive a discount on enrollment fees.** <http://bit.ly/CAMS-executive-education>

Cybersecurity at MIT Sloan Summer Annual Conference July 23 – 24, 2019. More information, including workshop agenda, forthcoming: <https://cams.mit.edu/events>

MIT CDOIQ Symposium July 31 – August 2, 2019. The MIT Chief Data Officer (CDO) and Information Quality Symposium, on the MIT campus, is a three-day symposium geared towards the professional development of CDOs. **CAMS members get 50% off registration fee with code: Madnick50.** See more at: <http://www.mitcdoiq.org/>

Cybersecurity at MIT Sloan (CAMS) research team meetings are open to members and are held most Fridays 11:30am – 1:00pm at MIT's Sloan School

If you would like to attend, please contact one of our Directors

In the Press

Stuart Madnick and Sharharyar Khan were interviewed for the MITeI (MIT Energy Initiative) magazine, *Energy Futures*, earlier this month for their spring issue. You can catch it on the website: <http://energy.mit.edu/energyfutures/>

“Mueller Report: Russians Easily Manipulated Social Media, Effortlessly Stole Voter Info” quoted Stuart Madnick on April 19, 2019 in *Inside Sources*. <https://www.insidesources.com/mueller-report-russians-easily-manipulated-social-media-effortlessly-stole-voter-info/>

“Do the EU's Strict Privacy Rules Increase Cyber Risk?”

quoted Stuart Madnick in *Inside Sources*. <https://www.insidesources.com/do-the-eus-strict-privacy-rules-increase-cyber-risk/>

“Interview with Professor Stuart Madnick, MIT” featured in *Wealth Security Management* by Cutter Associates Wealth (page 36) https://cams.mit.edu/wp-content/uploads/2019-CW_MPB_Security_In_Wealth_Management.pdf

“Blockchain Hype: Irrational Exuberance Redux” featured Stuart Madnick on March 4, 2019 on *the MIT Sloan website*. <https://mitsloan.mit.edu/fellows/leadership-blog/blockchain-hype-irrational-exuberance-redux/>

“Cyber Attacks, Not Nukes, May Be North Korea's Most Dangerous Weapon” quotes Stuart Madnick on February 28, 2019 in *Inside Sources*. <https://www.insidesources.com/cyber-attacks-not-nukes-may-be-north-koreas-most-dangerous-weapon/>

“Hospitals Are Cyber Criminals' Newest, Biggest Target” quoted Stuart Madnick on February 26, 2019 in *Inside Sources*. <https://www.insidesources.com/hospitals-are-cyber-criminals-newest-biggest-target/>



Stuart Madnick and Shaharyar Madnick (left), Khan, CAMS Research Assistant (right)