



ACS Local Section
New York
Long Island Subsection

Cybersecurity in the Age of Targeted Threats: How Senior Professionals Can Stay Safe and Lead with Confidence

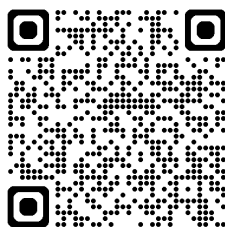
Dr. Paulo Costa

Professor and Chair, Dept. of Cyber Security Engineering, Director, Center of Excellence in C5I

Tuesday, November 11th, 2025, 2:00 PM

Zoom Only

Registration required prior to the event. Click [here](#) or scan the QR code to register.



Abstract: Cyberattacks are no longer confined to large corporations or tech-savvy individuals. Instead, they increasingly target professionals with valuable networks, institutional memory, and perceived access to sensitive information. Senior scientists and professionals, including members of the American Chemical Society, are now squarely in the sights of sophisticated threat actors. This talk will focus on demystifying the evolving cyber threat landscape. Prof. Costa will share recent real-world examples of phishing, credential theft, and social engineering attacks specifically designed to exploit individuals in positions of trust and influence. Attendees will learn practical strategies to strengthen their personal cybersecurity posture, recognize the red flags of common and advanced attacks, and contribute to a culture of cyber awareness within their organizations and communities.

Biography: Paulo Costa is a professor and chair for the Department of Cyber Security Engineering at George Mason University, Fairfax, VA. He is the Director of the Center of Excellence in C5I, which is one of the University's oldest Centers with 36 years of successfully delivering in diverse areas of critical systems' research. Outside GMU, Prof. Costa works as the VP for Securing Automation and Supply Chain Security for the DOE's CyManII, where he focuses on cybersecurity quantification and risk assessment. He also oversees the exponential growth of the first cyber security engineering degree accredited by ABET in the U.S., while guiding the newly created Cyber Security Engineering Department.

*Presented by the American Chemical Society's New York Section
Senior Chemists Committee*