SafeConfig’16
Testing and Evaluation for Active & Resilient Cyber Systems

AGENDA

• 0900 – 0905  Introduction  Nick Multari

• 0905 – 0950  Configuring Software and Systems for Defense-in-Depth  Trent Jaeger

• 0950 – 10:35  From cyber security to collaborative cyber resiliency  George Sharkov

• 10:35 – 11:00  Break

• 1100 – 12:30  Paper Session 1  Nick Multari
  • AHEAD: A New Architecture for Active Defense, Fabio DeGaspari, Sushil Jajodia, Luigi Mancini, Agostino Panico
  • A One-Year Perspective on Exposed In-memory Key-Value Stores, Tobias Fiebig, Anja Feldmann, Matthias Petschick
  • Towards Automated Verification of Active Cyber Defense Strategies on Software Defined Network, Mohammed Alsaleh, Ehab Al-Shaer

• 12:30 – 14:00  Lunch

• 14:00 – 15:30  Paper Session 2  David Manz
  • Firewalling Scenic Routes: Preventing Data Exfiltration via Political and Geographic Routing Policies, Kevin Benton, L. Jean Camp
  • An Iterative and Toolchain-Based Approach to Automate Scanning and Mapping Computer Networks, Stefan Marksteiner, Harald Lernbeiss, Bernhard Jandl-Scherf
  • A Graph-Based Impact Metric for Mitigating Lateral Movement Cyber Attacks, Emilie Purvine, John R. Johnson, Chaomei Lo

• 15:30 – 16:00  Break
• 16:00 – 17:30  Panel  
  
  David Manz  
  
  • Bob Cowles, Principal, BrightLite Information Security  
  • Jorge Cuellar, Principal Key Expert, Siemens  
  • Christopher Oehmen, Lead and Chief Scientist of the Asymmetric Resilient Cybersecurity Initiative, Pacific Northwest National Lab  
  • Greg Shannon, Asst Director for Cybersecurity Strategy, White House Office of Science & Technology