2018 NSF/NYC Workshop

NSF Cybersecurity Transition to Practice Workshop

New York, New York

April 17, 2018

9:00-10:00AM Breakfast and Networking

10:00-10:15AM Welcome & Kickoff

- Brian Cohen, Chief Information Officer, City University of New York
- Bruce Maas, Innovation Fellow, Internet2
- Kevin Morooney, Vice President, Internet2
- Chris Sedore, President, NYSERNet.org, Inc.
- Melissa Woo, SVP for Information Technology & CIO, Stony Brook University

10:15-10:45AM CIO Panel

- Moderator: Bruce Maas, Innovation Fellow, Internet2
- Farhat (Meena) Lakhavani, SUNY Erie
- Matt Nappi, Chief Information Security Officer, Stony Brook University
- Chris Sedore, President, NYSERNet.org, Inc.
- Melissa Woo, SVP for Information Technology & CIO, Stony Brook University

10:45-11:30AM Cybersecurity Research Presentations:

- Casimer DeCusatis, Marist College: The NSF SecureCloud Project: Cybersecurity for Autonomic, Zero Trust Cloud Data Centers

  Project Quad Chart

  Presentation Slides

- Elaine Shi, Cornell University: Thunderella: Blockchains with Optimistic Instant Confirmation

11:30-12:15PM Cybersecurity Research Presentations:

- Chase Cotton, University of Delaware: Reflections on Technology Research and Transfer

  Presentation Slides

- Leon Reznik and Igor Khokhlov, Rochester Institute of Technology: Data Quality and Security Evaluation Cyberinfrastructure Applications

  Project Quad Chart

  Presentation Slides

- Nick Nikiforakis, Stony Brook University: Security and Privacy Issues of Modern Web Browsers

  Project Quad Chart

  Presentation Slides

12:15-1:30PM Lunch and Networking

1:30-2:15PM Cybersecurity Research Presentations:

- Michail Polychronakis, Stony Brook University: Principled and Practical Software Shielding against Advanced Exploits

  Project Quad Chart

  Presentation Slides

- Rudolf Eigenmann, University of Delaware: Delaware Cybersecurity Initiative and Related Projects

Project Quad Chart

Presentation Slides

- Marten van Dijk, University of Connecticut: A Modular, User-Centric Security Analysis of OpenStack

  Project Quad Chart

  Presentation Slides

2:15-3:00PM **Cybersecurity Research Presentations:**

- Rosario Gennaro, City University of New York (CUNY): Practical Zero-Knowledge Proofs

  Project Quad Chart

- Rahul Chatterjee, Cornell University: Improving Password Security by Tolerating Typos

  Project Quad Chart

  Presentation Slides

3:00-4:00PM **Observations & Next Steps**

- Bruce Maas, Innovation Fellow, Internet2
- Chris Sedore, President, NYSERNet.org, Inc.
- Melissa Woo, SVP for Information Technology & CIO, Stony Brook University