Science of Security and Privacy

SCIENCE OF SECURITY

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Science of Security Lablet Research Initiative

NSA's lablet initiative, formally established in 2012, launched several dozen projects to explore how effective a multi-university, multi-disciplinary team approach can be at advancing science and involving non-traditional partners. Early work focused on identifying core hard problems in science that must be understood in order to deal with the security issues that plague the nation. The Lablets share a broad common goal, which is to develop the foundations for security science, with a focus on advancing solutions to a selection of the hardest technical problem.

North Carolina State University

Univ. of Illinois at Urbana-Champaign

University of Maryland

Carnegie Mellon University



FIVE HARD PROBLEMS

- SCALABILITY & COMPOSABILITY
- POLICY-GOVERNED SECURE COLLABORATION
- SECURITY-METRICS-DRIVEN EVALUATION, DESIGN, DEVELOPMENT, & DEPLOYMENT
- UNDERSTANDING & ACCOUNTING FOR HUMAN BEHAVIOR
- RESILIENT ARCHITECTURES

SoS Impact

103 Collaborators | 5 Continents | 24 Countries

- Australia
- Brazil
- Canada
- China
- England
- France
- Germany
- Iran
- Israel
- Italy
- Japan
- Netherlands
- New Zealand
- Norway
- Pakistan
- Poland
- Portugal
- Romania
- Singapore
- Spain
- Sweden
- Switzerland
- United States
- Wales



Best Scientific Cybersecurity Paper Competition

In order to encourage the development of the scientific foundations of cybersecurity, the National Security Agency (NSA) established an award for the best scientific cyber-security paper. Visit cps-vo.org/group/sos/papercompetition for more information.

Learn more at http://sos-vo.org