SCIENCE OF SECURITY

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Science of Security Research Initiative

The National Security Agency Science of Security (SoS) Research Initiative strives to establish a self-sustaining discipline that develops scientific foundations needed to mature the cyber defense corpus to meet the ever rising cyber threats. The Initiative has three main thrusts: first, engaging the academic community for foundational research; second, promoting rigorous scientific principles in research; and third, growing the SoS Community.

Science of Security LABLETS

North Carolina State University

Univ. of Illinois at Urbana-Champaign

University of Maryland

Carnegie Mellon University



The SoS Project on the Science of SecUre and REsilient Cyber-Physical Systems (SURE) is focused on having the academic community (with Vanderbilt University being a focal point) develop scientific foundations and tools for designing, building, and assuring cyber-physical systems/Internet-of-Things that can maintain essential system properties in the presence of adversaries.

SURE

The Best Scientific Cybersecurity Paper Competition is sponsored by NSA Research Directorate to promote rigorous research methods by identifying and highlighting excellence. The competition is open to all authors and nominated papers are evaluated by a panel of distinguished experts in cybersecurity. Winners are invited to NSA for recognition and to present their research.



Symposium & Bootcamp on the Science of Security

Hot-SoS is the premier annual public event of the SoS Community that supports all tenants of SoS. It draws the diverse research community (academia, government and industry) to presentations of new SoS Research, workshops, and the ability to engage with other SoS members. As the event is co-sponsored with ACM, accepted research is peer-reviewed and published by ACM.

HOTSOS ON THE SCIENCE OF SECURITY

SoS Impact

103 Institutions | 5 Continents | 16 Countries

- Australia
- Brazil
- Canada
- China
- Denmark
- England
- Germany
- Iran
- New Zealand
- Norway
- Portugal
- Singapore
- Spain
- Sweden
- Switzerland
- United States