SOS-VO.org

SCIENCE OF SECURITY

An Online Community to Advance Cyber-Security Science

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.



SCIENCE OF SECURITY HARD PROBLEMS

Metrics
Resiliency
Policy
Human Behavior
Scalability & Composability

SoS Impact

96 Research Locations | 4 Continents | 14 Countries

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

3rd Annual Best Scientific Cybersecurity Paper

In order to encourage the development of the scientific foundations of cybersecurity, the National Security Agency (NSA) established an award for the best scientific cybersecurity paper. The winner paper of the 2013 competition was "Memory Trace Oblivious Program Execution" by Chang Liu, Dr. Michael Hicks, and Dr. Elaine Shi. The 2014 nominated papers are being reviewed by a set of distinguished experts. Winners will be announced August 2015.

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