



HotSoS

SYMPOSIUM AND BOOTCAMP
ON THE SCIENCE OF SECURITY

Call for Papers

3rd Annual Symposium and Bootcamp on the Science of Security
April 19-21, 2016 • Carnegie Mellon University • Pittsburgh Pennsylvania

Overview

Science of Security (SoS) emphasizes the advancement of research methods as well as the development of new research results. This dual focus is intended to improve both the confidence we gain from scientific results and also the capacity and efficiency through which we address increasingly challenging technical problems. HotSoS particularly welcomes work related to one or more of the five Hard Problems identified by the Science of Security community:

- Scalability and composability in the construction of secure systems
- Policy-governed collaboration in handling data across different domains of authority for security and privacy protection
- Predictive security metrics to guide choice-making in security engineering and response
- Resilient architectures that can deliver service despite compromised components
- Human behavior, modeling users, operators, and adversaries to support improved design and analysis

A second major focus is on the advancement of scientific methods, including data gathering and analysis, experimental methods, and mathematical models for modeling and reasoning. Of particular interest is the exploration of interactions among these methods to enhance validity.

The purpose of the conference is to bring together senior and junior researchers from diverse disciplines to promote advancement of work related to the science of security. The conference includes a mix of invited talks, panels, tutorials, and refereed papers.

We solicit papers that relate to the science of security and privacy, especially on topics related to one or more of the Hard Problem areas. We also seek papers that provide novel perspective on scientific methods for security and privacy research.

Important Dates

Submissions must be made by the deadline of Friday, **January 22, 2016** (anywhere on Earth) through EasyChair: <https://www.easychair.org/conferences/?conf=hotsos2016>

Decisions will be made as quickly as possible thereafter, but not later than February 16, 2016. Final camera-ready papers will be due March 9, 2016. Please send any questions about topics or submission requirements to: hotsos-chair@cs.cmu.edu

Note for authors: The official publication date is the date the proceedings are made available in the ACM Digital Library. This date (which affects patent filing deadlines) may be up to two weeks prior to the first day of the conference.



CyLab

