HotSoS 2015 - 2nd Annual Symposium and Bootcamp on the Science of Security

April 20-22, 2015

University of Illinois at Urbana-Champaign, Urbana IL

OVERVIEW

The practice of “science” is an approach to knowledge discovery in which predictions can be validated though logic or repeatable empirical experiments. Viewed this way, “Science of Security” encompasses research in cyber-security that emphasizes the means of gaining confidence in its results.

Science of Security emphasizes the *methodology* of research in cyber-security as much as the results of that research. Science of Security is broad in its application, including development of mathematical models about which properties can be proven and/or predictions made, as well as empirical research that poses hypotheses that are tested by measurement and analysis.

The 2nd Annual Symposium and Bootcamp on the Science of Security (HotSoS) follows in the footsteps of HotSoS 2014 by soliciting contributions that either develop scientific methodologies for conducting cyber-security research, or show by example how such methodologies are used on specific research problems.

We anticipate some support for student travel, particularly student authors.

TOPICS

HotSoS 2015 welcomes papers that clearly highlight contributions to Science of Security, on **any** topical area of cyber-security. Papers that address issues within the NSA SoS Lablets’ [“Five Hard Problems”](http://www.csc2.ncsu.edu/conferences/hotsos) are of particular interest

* Scalability and Composability
* Policy
* Security Metrics
* Resiliency
* Human Behavior

Please forward any questions about topics or submission instructions to the HotSoS 2015 Chair, David Nicol, at hotsos-2015@illinois.edu.

IMPORTANT DATES

Submissions: January 22, 2015

Decisions: February 20, 2015

Poster Abstracts: March 1, 2015 (submit to hotsos-2015@illinois.edu)

Final Versions: March 9, 2015

Conference: April 20-22, 2015

Submissions must be made by the deadline of Friday, January 16, 2015 (midnight Central Standard Time) through Easy Chair: <https://www.easychair.org/conferences/?conf=hotsos2015>.

The suggested paper length is between 6-12 pages total in double-column ACM format: <http://www.acm.org/sigs/publications/proceedings-templates>. Only PDF files will be accepted. Papers will be published in the ACM Digital Library. The papers will be evaluted using a double-blind review.

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