HoTSoS'17 Call for Papers

Submitted by Katie Dey on Fri, 10/07/2016 - 11:51am

CALL FOR PAPERS

OVERVIEW

Submissions are solicited for the 4th Annual Hot Topics in the Science of Security (HoTSoS) Symposium and Bootcamp, which will be held April 4-5, 2017 at The Hotel at Arundel Preserve in Hanover, Maryland. The symposium will include a mix of invited talks, refereed papers, panels, tutorials, and posters. As in prior years, papers will appear in the conference proceedings to be published by ACM Press.

SCOPE, GOALS, AND VISION

HoTSoS draws together researchers, practitioners, and thought leaders from government, industry, and academia. The conference provides a forum for dialogue centered upon the development and advancement of scientific foundations in cybersecurity. The technical emphasis of HoTSoS is on scientific methods, data gathering and analysis, experimental approaches, mathematical models, and the interactions among those approaches to build a foundational science of security. The HoTSoS vision is one of engaging and growing a community?including researchers and skilled practitioners from diverse disciplines?that is focused around the advancement of scientific methods.

TOPICS OF INTEREST

We invite submissions on any topic related to science of security that aligns with the conference scope and goals listed above. The 2017 HoTSoS will highlight the following themes:

- **Scalability and composability** in the construction of secure systems,
- **Policy-governed collaboration** for handling data across different domains of authority while ensuring security and privacy,
- **Security metrics** to guide choice-making in security engineering and response,
- **Resilient architectures** that can deliver service despite compromised components,
- Analysis of **human behavior**, including modeling users, operators, and adversaries, to support improved design and analysis,
- Foundational research related to **privacy** that allows for the ability to use (i.e., collect, store, and share) data in accordance with requirements, and
- Foundations for the security of **cyber-physical systems**, including applications to the

Internet of Things.

SUBMISSION REQUIREMENTS section heading

IMPORTANT DATES

Submissions:	~~December~~
Decisions:	February
Final Versions:	March 1,
Conference:	April 4-5,

SUBMISSION REQUIREMENTS

- **Submission deadline.** Submissions of full papers must be made by the deadline of Wednesday, ~~December 14, 2016~~ January 4, 2017 (anywhere on Earth) through https://secure.iacr.org/websubrev/hotsos17/submit/.
- **Submission format.** Submissions should be at most 10 pages in double-column ACM format (http://www.acm.org/sigs/publications/proceedings-templates) including the bibliography or, alternatively, 9 pages not including the bibliography. The paper may have optional appendices, but reviewers are not required to read them. All submissions must be in PDF format.
- **Simultaneity.** Submissions must not have been published previously, and may not be submitted in parallel to any other journal or conference/workshop with published proceedings. The program chairs reserve the right to consult confidentially with other chairs and responsible parties if a double submission is suspected.
- **Tutorials.** We are also accepting proposals for tutorials. Tutorial submissions should not be longer than 5 pages. Submissions should include a detailed syllabus of material to be presented.
- **Posters.** If you are interested in participating in the poster session, please upload an abstract of your poster by Friday, March 3, 2017 to http://cps-vo.org/hotsos17/poster-tutorial-cfp. Abstracts should not be longer than 1 page.

ADDITIONAL INFORMATION

Decisions will be made no later than February 15, 2017. Final camera-ready papers will be due March 1, 2017. Please send any questions about topics or submission requirements to hotsos2017@cps-vo.org.

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.