

27th IEEE Computer Security Foundations Symposium

Call for Papers and Panels

<http://csf2014.di.univr.it/>

July 19 - 22, 2014 Vienna University of Technology (TU Wien), Austria

The Computer Security Foundations Symposium is an annual conference for researchers in computer security. CSF seeks papers on foundational aspects of computer security, e.g., formal security models, relationships between security properties and defenses, principled techniques and tools for design and analysis of security mechanisms, as well as their application to practice. While CSF welcomes submissions beyond the topics listed below, the main focus of CSF is foundational security: submissions that lack foundational aspects risk rejection.



TOPICS: New theoretical results in computer security are welcome. Possible topics include, but are not limited to:

Access Control	Electronic Voting	Privacy
Accountability	Executable Content	Provenance
AI & Security	Formal Methods and Verification	Resource Usage Control
Anonymity and Privacy	Game Theory and Decision Theory	Security for Mobile Computing
Authentication	Hardware-based Security	Security Models
Critical Infrastructure Security	Humans and Computer Security	Security Protocols
Cryptography	Information Flow	Software Security
Data and System Integrity	Intrusion Detection	Socio-Technical Security
Database Security	Language-based security	Trust Management
Decidability and Complexity	Network Security	Usable Security
Distributed Systems	Novel Insights on Attacks	Web Security

We particularly encourage challenge/vision papers, which may describe open questions and raise fundamental concerns about practical security. Proceedings, published by the IEEE Computer Society Press, will be available at the symposium, and selected papers will be invited for submission to the Journal of Computer Security.

Please see the CSF 2014 website for more details, including submission instructions.

IMPORTANT DATES:

Abstract due: February 3, 2014
Papers due: February 10, 2014
Panel proposals due: March 15, 2014
Notification: April 11, 2014
Camera ready: May 9, 2014
Symposium: July 19 - 22, 2014

SPECIAL SESSIONS: We strongly encourage papers in three foundational areas of research not traditionally represented at CSF: *AI & SECURITY*, *USABLE SECURITY*, *PRIVACY*. These papers will be reviewed under the supervision of expert invited session chairs. They will be presented at the conference, and will appear in the CSF proceedings without any distinction from the other papers.

PANEL PROPOSALS: Proposals for panels are welcome. They should be no more than three pages in length, and should include the names of possible panelists and an indication of which of those panelists have confirmed a desire to participate. They should be submitted by email to the program chairs.

PROGRAM COMMITTEE:

Martín Abadi, Microsoft Research & U. of California
Michael Backes, Saarland U. & MPI Software Systems
Lujio Bauer, CMU (Session Chair on Usable Security)
Bruno Blanchet, INRIA Paris-Rocquencourt
Stephen Chong, Harvard
Anupam Datta, CMU (Co-Chair)
Riccardo Focardi, U. Ca' Foscari, Venezia
Cédric Fournet, Microsoft Research (Co-Chair)
Deepak Garg, MPI Software Systems
Joshua Guttman, Worcester Poly. Inst. & MITRE

Michael Hicks, U. of Maryland, College Park
Somesh Jha, U. of Wisconsin
Boris Köpf, IMDEA Software Institute
Sergio Maffei, Imperial College London
John Mitchell, Stanford
Benjamin Pierce, U. of Pennsylvania
Ariel Procaccia, CMU (Session Co-Chair on AI & Security)
Tamara Rezk, INRIA Sophia Antipolis-Méditerranée
Benjamin Rubinstein, U. of Melbourne (Session Co-Chair on AI & Security)
Mark Ryan, U. of Birmingham
Andrei Sabelfeld, Chalmers U. of Technology
Vitaly Shmatikov, U. of Texas, Austin (Session Chair on Privacy)
Michael Carl Tschantz, UC Berkeley
Bogdan Warinschi, U. of Bristol

PC CHAIRS:

Anupam Datta, CMU, USA
Cédric Fournet, Microsoft Research, Cambridge, UK

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PUBLICATIONS CHAIR:

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Matteo Maffei, Saarland U., Germany



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