

CALL FOR PAPERS

August 9th - 13th at University of Copenhagen.

LOGICS IN SECURITY

<http://lis.gforge.uni.lu>

CO-LOCATED WITH ESSLLI2010

<http://esslli2010cph.info/>

WORKSHOP CHAIRS

- Dov Gabbay (King's College London, Bar-Ilan University and University of Luxembourg)
- Leendert van der Torre (University of Luxembourg)

ABSTRACT

In the past two decades, a number of logics and formal frameworks have been proposed to model and analyse interconnected systems from the security point of view. Recently, the increasing need to cope with distributed and complex scenarios forced researchers in formal security to employ non-classical logics to reason about these systems.

The aim of this workshop is to bring together logicians and formal security researchers to foster the cross-fertilization between these two areas. Logicians have a lot to benefit from specifying and reasoning about real-world scenarios as well as researchers in security can apply recent advances in non-classical logics to improve their formalisms.

We are interested in logical foundations of security and in particular in the following topics:

Language-based security		Access Control
Judgemental Analysis		Privacy
Automated Theorem Proving		Protocol Verification
Term-Rewriting Systems	applied to	Security Architectures
Logical Programming		Trust and Reputation Management
Modal Logic		Static Analysis of Programs
Dynamic Logic		Risk Management
Epistemic and Deontic Logic		Policy Compliance
		Security in Multi-Agent System
		Formal Cryptography

Please find more informations at:

<http://lis.gforge.uni.lu>

SPECIAL ISSUE

A selection of the accepted papers will be published in a special issue of the Journal of Logic and Computation

IMPORTANT DATES

Paper submission deadline: April 1st, 2010.
Notification of acceptance: May 25th, 2010.
Workshop: August 9th - 13th, 2010.

PAPER SUBMISSION

Papers should be at most 15 pages, including references in the Springer LNCS style available at the URL <http://www.springer.de/comp/lncs/authors.html>. Well-marked appendixes are excluded from the page limit, committee members are not required to read the appendixes, so the paper should be intelligible without them. Only pdf files will be accepted. Papers must be received by the deadline of **April 15th**, 2010. Authors of accepted papers must guarantee that their papers will be presented at the workshop. Authors should submit their papers electronically, in .pdf format at the website :

<http://www.easychair.org/conferences/?conf=lis2010>

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