

## Fourth International Workshop on Secure Software Engineering (SecSE 2010)

<http://www.sintef.org/secse>



In conjunction with ARES 2010  
February, 15th - 18th 2010  
Andrzej Frycz Modrzewski Cracow College  
Krakow, Poland

<http://www.ares-conference.eu/conf/>

Published by



### Call for Papers

#### Introduction

Software is an integral part of everyday life, and we expect and depend upon software systems to perform correctly. Software security is about ensuring that systems continue to function correctly also under malicious attack. As most systems now are web-enabled, the number of attackers with access to the system increases dramatically and thus the threat scenario changes. The traditional approach to secure a system includes putting up defence mechanisms like IDS and firewalls, but such measures are no longer sufficient by themselves. We need to be able to build *better, more robust and more secure* systems. Even more importantly, however, we should strive to achieve these qualities in *all* software systems, not just the ones that need special protection. This workshop will focus on techniques, experiences and lessons learned for building secure and dependable software.

#### Topics

Suggested topics include, but are not limited to:

- Secure architecture and design
- Security in agile software development
- Aspect-oriented software development for secure software
- Security requirements
- Risk management in software projects
- Secure implementation
- Secure deployment
- Testing for security
- Quantitative measurement of security properties
- Static and dynamic analysis for security
- Verification and assurance techniques for security properties
- Lessons learned
- Security and usability
- Teaching secure software development
- Experience reports on successfully attuning developers to secure software engineering

#### Important dates:

- Submission Deadline: September 30th 2009
- Author Notification: November 1st 2009
- Author Registration: November 11th 2009
- Proceedings Version: November 11th 2009
- Conference/ Workshop: February, 15th - 18th 2010

#### Submission Guidelines

Authors are invited to submit papers in IEEE Computer Society Proceedings Manuscripts style (two columns, single-spaced, including figures and references, using 10 pt fonts, and number each page). Please consult the IEEE CS Author Guidelines at the following web page: <http://www2.computer.org/portal/web/cscps/formatting>

We solicit the submission of academic workshop papers (6 pages) representing original, previously unpublished work. Submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of exposition.

Duplicate submissions are not allowed. A submission is considered to be a duplicate submission if it is submitted to other conferences/workshops/journals or if it has been already accepted to be published in other conferences/workshops/journals. Duplicate submissions thus will be automatically rejected without review.

Contact author must provide the following information: Paper title, authors' names, affiliations, postal address, phone, fax, and e-mail address of the author(s), about 200-250 word abstract, and about five keywords. Paper registration and submission is done through the ARES & CISIS 2010 Paper Management System at the following address: <https://stdev.ifs.tuwien.ac.at/ares2010/>

Submission of a paper implies that should the paper be accepted, at least one of the authors will register for the ARES conference and present the paper in the workshop. Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance. Note that SecSE 2010 does not require anonymized submissions.

### **Publication**

All accepted papers will be published as ISBN proceedings by the IEEE Computer Society, and will be available online through IEEE Xplore (EI indexing).

**Journal special issue:** Distinguished papers submitted to SecSE will be invited for possible publication in the International Journal of Secure Software Engineering (ISSN 1947-3036 - <http://www.igi-global.com/ijssse>).

### **Organizing committee:**

Martin Gilje Jaatun, SINTEF ICT, Norway  
Torbjørn Skramstad, Norwegian University of Science and Technology (NTNU)  
Lillian Røstad, Norwegian University of Science and Technology (NTNU)

Enquiries to the organizing committee may be sent to: SecSE “replace with at-character” sislab.no

### **Program committee (to be confirmed)**

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