Extended Submission Deadline: 29.10.2007

3rd International Workshop on

**Systems Software Verification (SSV 08)**

Real Software, Real Problems, Real Solutions

Feb 25/26 2008, Sydney, Australia


Industrial-strength software analysis and verification has advanced in recent years through the introduction of model checking, automated and interactive theorem proving, and static analysis techniques as well as correctness by design, correctness by contract, and model-driven development. However, many techniques are working under restrictive assumptions, which are invalidated by complex (embedded) system software such as operating system kernels, low-level device drivers or microcontroller code.

The aim of this workshop is to bring together researchers and developers from both academia and industry, who are facing real software and real problems to find real, applicable solutions. By "real" we mean problems such as time-to-market or reliability that the industry is facing and is trying to fix in software that is deployed in the market place. A real solution is one that is applicable to the problem in industry and not one that only applies to an abstract, academic toy version of it. This forum will discuss software analysis/development techniques and tools; it will also serve as a platform to discuss open problems and future challenges in dealing with existing and upcoming system code.

Topics include (but are not limited to):

- model checking
- automated and interactive theorem proving
- static analysis
- automated testing
- model-driven development
- embedded systems development
- programming languages
- verifying compilers
- software certification
- software tools
- experience reports

Interested speakers should submit their paper (max 15 pages, ENTCS style) to http://www.easychair.org/SSV08/ by Oct 29 2007, 23:59h Samoan time. All papers will be subject to peer review under normal conference standards. Experience reports and papers on work in progress are welcome as long as there is a clear contribution. Accepted submissions are planned to be published at ENTCS.
Submissions must be in pdf format and follow the ENTCS style instructions at http://www.entcs.org/prelim.html.

**Important dates**

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The workshop is organized as a two-day workshop (Feb 25/26 2008) and might be preceded by a tutorial day.

**Location**

The workshop will be held in Sydney, Australia on the campus of the University of New South Wales near Coogee Beach.

**Program Chair**

Ralf Huuck (NICTA)
Gerwin Klein (NICTA)
Bastian Schlich (RWTH Aachen University)

**Program Committee**

Andy Chou (Coverity)
Byron Cook (Microsoft Research Cambridge)
Dennis Dams (Alcatel-Lucent)
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