

International Computer Symposium 2012 (ICS 2012)

12-14 December, Hualien, Taiwan

Workshop on Software Engineering and Programming Languages

Call for Papers

The 2012 Workshop on Software Engineering and Programming Languages in conjunction with ICS 2012 will be held in Hualien, Taiwan, December 12-14, 2012. The main focus of the workshop will be on the novel proposal of techniques for software engineering, software process, software quality, programming language design and implementation. This workshop will become a forum for researchers to summarize the most recent developments in the field, with a special emphasis given to the innovation, improvements and practical applications. The proceedings of ICS 2012 will be published by Springer in series of Smart Innovation, Systems and Technologies (indexed by SCOPUS and Springerlink). The topics to be covered include, but are not limited to:

- Requirement engineering
- System analysis and design
- Software process
- Software architectures
- Software maintenance and evolution
- Object oriented software engineering
- Software reuse
- Software reliability
- Software metrics
- Reverse engineering
- Software engineering method
- Software testing and evaluation
- Model driven engineering
- Web-based software engineering
- Service oriented architecture
- Aspect oriented software engineering
- Agent oriented software engineering
- Static and dynamic analysis of programs
- Semantic methods of program analysis
- Program transformation and optimization
- Interaction of compilers with underlying systems
- Memory management
- Novel programming models
- Type systems and program logics
- Parallelism, both implicit and explicit

Before submission, authors should carefully read over the submission guidelines, located at <http://ics2012.ndhu.edu.tw>. All papers must be submitted in an electronic format which conforms to the workshop proceedings style described at the web site.

Prospective authors should submit an electronic copy of their complete manuscript through the conference manuscript submission system at <http://ics2012.ndhu.edu.tw> according to the following timetable:

Manuscript Due	September 1, 2012 (Final)
Acceptance Notification	September 23, 2012
Camera-Ready Due	October 01, 2012

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