



# aosd.07

6th International Conference on  
Aspect-Oriented Software Development

Vancouver, Canada  
March 12-16, 2007



## Call for Research Papers

The International Conference on Aspect-Oriented Software Development (AOSD) is the premier conference on software modularity that crosscuts traditional abstraction boundaries.

AOSD brings together researchers and practitioners working in the fields of software engineering, programming languages, and software systems. AOSD welcomes cutting-edge research papers in all of these disciplines, ranging from foundational studies to industrial experience reports. Papers that present elegant, instructive examples of aspect-oriented programs are also welcome.

Topics of interest include all facets of aspect-oriented software development, including (but not limited to) the following:

### **ASPECTS IN SOFTWARE ENGINEERING:**

- evaluation and metrics
- modular reasoning
- evolution
- requirements
- testing aspects
- software architectures
- verification

### **CONNECTION BETWEEN ASPECTS AND RELATED PARADIGMS:**

- model-driven architecture
- generative programming
- meta-programming
- program monitoring

### **TOOL SUPPORT FOR ASPECTS:**

- aspect mining
- reverse engineering
- program views
- refactoring
- interactive development environments

### **ASPECT PROGRAMMING LANGUAGES:**

- features for crosscutting concerns
- domain-specific aspect languages
- modular reasoning
- aspect composition
- aspect interference
- type systems
- semantics
- compilation
- program analysis
- optimization
- dynamic weaving

### **APPLICATIONS OF ASPECTS:**

- performance improvement
- concurrent systems
- security
- program monitoring
- software product lines
- distributed systems and middleware
- persistence and transaction processing

## **SUBMISSION GUIDELINES**

### **Submission URL:**

<http://aosd.net/2007/cfc/research.php>

Submissions will be carried out electronically via the Web, at the URL given above. Papers must be submitted in either PDF format or as PostScript documents that are interpretable by Ghostscript. They must be printable on US Letter sized paper.

### **Length and format:**

<http://www.acm.org/sigs/sigplan/authorInformation.htm>

Submissions should be no more than 12 pages (including bibliography and any appendices) in standard ACM SIGPLAN conference format.

Submitted papers must adhere to SIGPLAN's republication policy. Each paper should explain its contributions in both general and technical terms, clearly identifying what has been accomplished, explaining why it is significant, and comparing it with previous work. Where appropriate, systems and experimental data should be made available on the web. Authors should strive to make the technical content of their papers understandable to a broad audience.

**Author response period:** Authors will be given a 48-hour period (starting Monday, 20 November 2006, 00:01 Samoan) to read and respond to the reviews for their papers before the PC meeting. Authors of submitted papers will receive more details from the submission website.

## IMPORTANT DATES

research paper abstract submission:	Friday, September 22, 2006, 23:59 (Samoan)
research paper submission:	Friday, September 29, 2006, 23:59 (Samoan)
author response period starts:	Monday, November 20, 2006, 00:01 (Samoan, 48 hours)
acceptance notification:	Wednesday, December 6, 2006
camera-ready copy:	Friday, January 19, 2007, 23:59 (Samoan)

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**[HTTP://AOSD.NET/CONFERENCE](http://aosd.net/conference)**