

# WICSA 2008

18 – 21 February 2008

Vancouver, BC, Canada

<http://www.wicsa.net>

## Working IEEE/IFIP Conference on Software Architecture

*the conference for software architects, by software architects*

### Call for Research Submissions

**WICSA** is the premier gathering of practitioners and researchers interested in finding out about and improving on the state of practice of Software Architecture. Since its inception, WICSA has functioned as a working conference, where researchers meet practitioners and where practicing software architects can explain the problems that they face in their day-to-day work and so influence the future of the field. In addition to traditional conference keynotes and paper sessions **WICSA** includes interactive working sessions where practitioners and researchers discuss their experiences in order to understand the current state of the field, and identify opportunities to make a difference in the future.

This environment means that **WICSA 2008** is the ideal venue for researchers and software architecture practitioners to discuss successes, failures, and ideas with each other, with these insights helping to identify how best to move the state of both research and practice forward.

We actively solicit several types of submission from the software architecture research community: research papers, experience papers, and working session contributions.

**Research and Experience Papers** should describe original and significant work on the research and practice of software and system architectures. Papers are limited to 10 proceedings pages, at most 8000 words. Papers must not have been previously published nor have been submitted to, or be in consideration for, any journal, book, or other conference. All papers should explicitly state the goals of systems or approaches described, discuss relationships to previous work, and should use accepted, standard terminology. Submissions especially are invited for experience reports: for example, best and worst experiences of applying software architecture research results, required adaptations to make it work in industry, research gaps which should be filled in, etc.

**Working Session Contributions** are focused pieces of writing intended to stimulate discussion related to experiences and ideas, rather than to present mature research results and are limited to 4 proceedings pages, at most 3000 words. Normally they will describe positive and negative characteristics of existing methods and techniques; identify gaps in the state of the practice; or propose new research directions to fill those gaps. The accepted contributions will form the basis of the conference's interactive working sessions.

We are also actively soliciting proposals for **tutorials** to be presented at the conference.

Further details on submission of each type of contribution can be found on the conference website.

Topics of interest for the conference include (but are not limited to) the following themes:

- Software Architecture Modeling and Analysis Methods and Tools
- State-of-the-Art and State-of-Practice in Software Architecture
- Software Architecture Support for Software Qualities
- Relationship of Enterprise, System and Software Architecture
- Architectural Patterns and Styles (including particularly SOA)
- Architecture Description Languages and Model Driven Architecture
- Industrial Case Studies
- Software Architecture of Large or Very Small systems
- Software Architectures for Emerging Systems
- Software Architecture Discovery and Recovery
- Software Architects' Roles and Responsibilities
- Software Architecture for Legacy Systems and Systems Integration
- Product-Line Architectures
- Cultural, Economical and Managerial Aspects of Software Architecture
- Training, Education, and Certification of Software Architects

#### Important Dates

- 17th September 2007 - Submission deadline for research papers
- 28th September 2007 - Submission deadline for working session submissions
- 12th November 2007 - Acceptance notification
- 7th December 2007 - Final version of submissions due
- 18th February 2008 - Conference begins

#### Contacts

General Chair - Philippe Kruchten, University of British Columbia  
Research Program Chair - David Garlan, Carnegie Mellon University  
Industrial Program Chair - Eoin Woods, UBS Investment Bank