Foreword

CASTA 2009 is the first international workshop on Context-Aware Software Technology and Applications. Context-awareness is an emerging theme in a large number of application domains, and supporting mechanisms in areas such as programming languages and middleware have appeared in recent years. Nevertheless, the diverse communities working on context-awareness have largely worked independently. This workshop is a first attempt to bring these communities together to compare experiences and discuss directions for future research.

The call for contributions attracted submissions in a wide range of different domains, ranging from components and architectures to support context-awareness, through context-aware programming languages, to approaches for modeling context for web services, business processes, and access authorization.

The workshop presentation format is modeled after an approach pioneered by WCRE (the Working Conference on Reverse Engineering). Instead of authors presenting their own paper, each paper in a session is presented by an author of a different paper. A short yes/no question period may follow. After all papers have been presented, a general discussion on the session theme is opened. This format has proven to be very stimulating for workshops, since it raises open questions and differences in perspective rather than focusing on established results. For a workshop on context-awareness, it offers an ideal way to highlight differences in context arising from the different participating communities.

In addition to paper presentations and open discussions, the workshop includes an invited talk by Hajo Reijers entitled “Some Context Dimensions for Business Processes,” and a demonstration session devoted to tools and applications.

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CASTA ’09 Program Chair

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CASTA ’09 Organizing Committee
Call for Contributions

ESEC/FSE 2009 (The seventh joint meeting of the European Software Engineering Conference and ACM SIGSOFT Symposium on the Foundations of Software Engineering) is an internationally renowned forum for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, experiences, and challenges in the field of software engineering. Held bi-annually, ESEC/FSE brings together experts from academia and industry to exchange the latest research results and trends, as well as their practical application in all areas of software engineering.

ESEC/FSE 2009 will offer a strong technical program with an exciting list of events, including keynote talks by leaders in the field, challenge presentations, demonstrations, posters, workshops, and a doctoral symposium.

Contributions to the above events on any field of software engineering are invited, including, but not limited to:

- Requirements engineering
- Specification and verification
- Software architecture and design
- Analysis and testing
- Development paradigms and software processes
- Evolution and change management
- Tools and environments
- Empirical software engineering
- Software quality and performance
- Formal methods
- Global software development
- Component-based software engineering
- Model-driven engineering
- Web-based systems
- Distributed systems and middleware
- Service-oriented systems
- Mobile systems
- Pervasive computing systems
- Embedded and real-time systems
- Grid computing systems
- Human-centered software engineering
- Aspect orientation
- Open standards and certification
- Software economics and human resources
- Dependability (safety, security, reliability)
- Case studies and experience reports

The following types of contributions are sought:

Technical papers must present novel results of theoretical or empirical research, and clearly identify their contribution to the state of the art and/or their potential usefulness to industry. Experience papers that report "lessons learned" of interest and benefit to the broader ESEC/FSE audience are also welcome. All submissions must be original work, and must not have been previously published, nor be in consideration for publication elsewhere.

Presentations on challenges and visionary ideas in relevant software engineering topics will complement the Technical papers program.

Workshops will provide a forum for the rapid dissemination of ongoing research activities, offering the opportunity for exchanging views and advancing ideas in a less formal setting. Workshops will be held before the main conference and can be one or two days in duration.

The Doctoral Symposium will provide Ph.D. students with an opportunity to present and discuss their research with senior researchers in the software engineering community.

Demonstrations will cover innovative technologies, platforms, and tools supporting software engineering. Demonstration proposals should be submitted to the Demonstrations Chairs.

All submissions must be in English. Paper submissions will be made electronically via the Web. Instructions about each type of contribution will be posted on the corresponding Web pages.

ESEC/FSE 2009 Call for Contributions (PDF)