



AOSD 2011: Perspectives on Modularity

The International Conference on Aspect-Oriented Software Development (AOSD) is the premier conference on software modularity that goes beyond traditional abstraction boundaries. The past conferences have been mainly investigating "the aspects" for 10 years and explored their clear benefits. Furthermore, they have revealed that advanced modularity is the core notion for building modern software systems and hence other new modularization paradigms and techniques are also getting spotlighted today.

AOSD.11 seeks to foster advanced modularization paradigms and techniques, which are not limited to aspects thus re-emphasizing the original intention to establish AOSD as a conference on advanced separation of concerns and software modularity for extensibility, flexibility, and adaptability.

Highlights of AOSD.11

- Broad view on aspects as any mechanism for advanced modularity.
- A novelty of AOSD.11 is that papers submitted to the Research Track undergo a submission process comprising two rounds. Authors can submit their papers at either 1st or 2nd round. The final program will be announced in January 2011.
- Special track on Modularity Visions. This track expects high-quality papers proposing new visions of modularity for rapidly changing software and software development landscapes, addressing current and future challenges.
- ACM Student Research Competition. For the first time, AOSD hosts an ACM SIGPLAN Student Research Competition. The competition, sponsored by Microsoft Research, is an internationally-recognized venue that enables undergraduate and graduate students to experience the research world, share their research results with other students and AOSD attendees, and compete for prizes.
- Tutorials are back. AOSD.11 will offer a high-quality tutorial program covering the state of the art in AOSD, with topics of interest for participants with intermediate to advanced knowledge of the subject.

Furthermore, continuing the tradition of its successful predecessors, the program of AOSD.11 will include:

- An Industry Track where architects and developers with experience in aspects gather to learn and teach.
- Workshops for in-depth discussion of advanced topics in industry and research.
- Demonstrations of leading-edge technologies. Attendees learn about emerging technologies and have opportunities to interact with their developers. Presenters gain excellent opportunities to increase the visibility and impact of their work.
- Students Events at AOSD.11 serve to attract and support students who are doing research in AOSD. The Student Forum takes place on the Sunday preceding the conference to allow students to meet other students before the main conference begins. The Poster Event is held in conjunction with the Welcome Reception.
- The Student Volunteers program provides an opportunity for students to associate with the top researchers in AOSD and to make new friends among potential future colleagues.

Sponsors:



In Cooperation with:



Supported by:



<http://www.aosd.net/2011>

AOSD 2011 Keynote Speakers

Mary Shaw, Carnegie Mellon University
David Notkin, University of Washington

Modularity Visions Invited Speakers

Gilad Bracha, SAP Labs
Jim Herbsleb, Carnegie Mellon University
André van der Hoek, University of California, Irvine

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