MODULARITY: aosd.12–Chairs' Welcome

It is our great pleasure to welcome you to *Modularity: aosd.12,* the premiere international research conference on modularity in software and software-intensive systems. *Modularity: aosd.12* is the 11th annual international conference on *Aspect Oriented Software Development (AOSD),* and the first in which the conference committee will give an award for the most influential paper published in the Proceedings of the conference 10 years ago: in 2002.

This year's conference continues to broaden of the scope of the field to address all aspects of modularity, abstraction, and separation of concerns as they pertain to software, including new forms, uses, and analysis of modularity, along with the costs and benefits, and tradeoffs involved in their application. *Modularity* provides the international computer science research community and its many sub-disciplines (including software engineering, languages, and computer systems) with unique opportunities to come together to share and discuss perspectives, results, and visions with others interested in modularity as well as in the languages, development methods, architectures, algorithms, and other technologies organized around this fundamental concept.

The *Modularity: aosd.12* conference comprises two main events: Research Results and Modularity Visions. Both events invited full, scholarly papers of the highest quality on results and new ideas in areas that include but are not limited to complex systems, software design and engineering, programming languages, cyber-physical systems, and other areas across the whole system life cycle.

Papers submitted to the Research Results track were reviewed in accordance with the highest established standards of scientific rigor applied in peer review of putative research results. Reviewers assessed works in terms of research problem formulations, novelty and sophistication of proposed solutions, clarity and significance of hypotheses, proper design and execution of experimental or analytical assessments, sound interpretation of data, and correct characterization of work in relation to existing knowledge.

Papers submitted to the Modularity Visions track were reviewed in accordance with the highest established standards of scientific rigor applied in peer review of scientific research proposals. Reviewers assessed works in terms of research problem formulations, novelty and sophistication of proposed solutions, clarity and significance of hypotheses, compelling preliminary results, proposals for sound future experimental or analytical assessments and interpretation of data, and correct characterization of work in relation to existing knowledge.

The Results track attracted 79 submissions from across the world. Of these, 20 papers were accepted for publication, for a 25% acceptance rate. The program committee accepted papers in three rounds. In each round papers each paper was accepted, rejected, or (except in the last round) invited for revision and a second review. Five (5) papers were invited for revision and a second review, all of which were ultimately accepted. The Visions track reviewed 10 papers, one of which was referred from the Results track. Of these, three papers were accepted for publication for a 30% acceptance rate.

Our keynote and heart of technology speakers are Lars Bak, James O. Coplien, and Martin C. Rinard. Lars will report on implementing language-based virtual machines; Jim will talk about objects of the people, for the people, and by the people; and Martin will tell us what to do when things go wrong and how to recover in complex systems.

We wish to thank all members of our organizing and program committees and all co-reviewers.

We are looking forward to an interesting and inspiring *Modularity: aosd.12*.

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