14th International Conference on MODULARITY

15

March 16-19, Fort Collins, Colorado, USA

http://modularity.info/

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SIGSOFT

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RESEARCH RESULTS TRACK

Modularity at the semantic as well as the syntactic level is a key enabler for the expression of high quality software systems. One of the most important techniques for complexity reduction is abstraction. Novel concepts and abstraction mechanisms, including but not limited to aspect-oriented techniques, are a focus point for improvements in the support for modularity. The scope of this effort covers all perspectives on software systems in all their life-cycle phases, for instance application domain analysis, programming language constructs, formal proofs of system properties, program state visualization in debuggers, performance improvements in compiler algorithms, etc. As the premier international conference on modularity, Modularity'15 continues to advance our understanding of these issues and the expressive power of known techniques.

Modularity'15 is deeply committed to publishing works of the highest caliber. To this aim, two separate paper submission deadlines and review stages are offered. A paper accepted in any round will be published in the proceedings and presented at the conference. Promising papers submitted in the first round that are not accepted may be invited to be revised and resubmitted for review by the same reviewers in the second round. Submission to both rounds is open for all, and authors who submit to the first round may of course choose to resubmit a revised version in the second round without such an invitation, in which case new reviewers may be appointed.

Important Dates

First round submission: August 4, 2014
Second round submission: October 10, 2014
First round notification: September 14, 2014
Second round notification: December 7, 2014
Camera ready: February 15, 2015
For more information: http://aosd.net/2015/rrtrack

MODULARITY VISIONS TRACK

Modularity properties are key determinants of quality in information systems, software, and system production processes. Modularity influences system diversity, dependability, performance, evolution, the structure and the dynamics of the organizations that produce systems, human understanding and management of systems, and ultimately system value. Yet the nature of and possibilities for modularity, limits to modularity, the mechanisms needed to achieve it in given forms, and its costs and benefits remain poorly understood. Significant advances in modularity thus are possible and promise to yield breakthroughs in our ability to conceive, design, develop, validate, integrate, deploy, operate, and evolve modern information systems and their underlying software artifacts.

The Modularity Visions track of Modularity'15 is looking for papers presenting compelling insights into modularity in information systems, including its nature, forms, mechanisms, consequences, limits, costs, and benefits. Modularity Vision papers can also present proposals for future work. The scope of Modularity Visions is broad and open to submissions from all areas of computer science. Modularity Visions papers must supply some degree of validation because mere speculation is not a good basis for progress. However, Modularity Visions accepts less rigorous methods of validation such as compelling arguments, exploratory implementations, and substantial examples. The use of worked-out prototypes to support new ideas is strongly encouraged.

Important Dates

Abstracts: October 3, 2014
Invited revisions: February 2, 2015
Papers: October 10, 2014
Final notification: February 9, 2014
First phase notification: December 7, 2014
Camera ready version: February 15, 2015
For more information: http://aosd.net/2015/mvtrack

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SPECIAL INTEREST GROUP ON SOFTWARE ENGINEERING

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WORKSHOP PROPOSALS

Workshops are a good venue for students to get initial feedback on their first research endeavors, and for more experienced researchers to brainstorm with their peers about emerging topics in their field. Workshops are incubators for research. In contrast to conference technical tracks, where presentations dominate Q&A and interaction, workshops have the potential to foster spontaneous in-depth discussions of emerging research topics in a focused community.

We hereby solicit proposals for workshops to be held in conjunction with the main Modularity'15 conference. We encourage proposals on conference-related topics that are novel or of emerging importance. We stress the importance of active and creative workshops that promise to form a collaborative environment of interest to both practitioners and researchers. Workshops can be full or half day, and devoted to a specific topic of interest in the modularity domain or in its neighborhood. Workshops should have a focused topic, provide opportunity for lively discussion, and attract enthusiastic participants.

Workshop proposals will be judged on originality, relevance to Modularity'15, expected level of interest in the topic, and the organizers ability to lead a successful workshop.

Important Dates

Proposal submission: October 15, 2014
Notification: October 20, 2014
Workshop websites up: November 1, 2014

Important Dates for All Workshop Papers

Workshop Paper submission deadline: January 12, 2015
Workshop Paper notification date: February 2, 2015
Workshop Paper camera-ready deadline: February 15, 2015

For more information: http://aosd.net/2015/workshop-proposals

DEMO & POSTERS

Information will be provided on the website soon.

STUDENT RESEARCH ACTIVITIES

A Doctoral Symposium and a Student Forum are planned. Information will be provided on the website soon.