

got modularity?

Modularity Visions

Call for Papers

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 AOSD 2013 (MV) seeks papers presenting compelling insights into modularity in information systems, including its nature, forms, mechanisms, consequences, limits, costs, and benefits. Rather than *ex post* results, MV seeks promising *ex ante* proposals for future work. The scope of MV is broad: open to submissions from all areas of computer science, as well as from other fields.

Reviewing Process

Reviewing will be based on norms applied to peer-reviewed proposals to research programs that demand breakthrough potential. Papers must be well written, must present new perspectives on, or approaches to, important problems, must formulate clear hypotheses justified by analysis or results from preliminary work, must evaluate potential significance and risks, must articulate how progress can be evaluated, and must discuss related and required future work.

There is a single submission date for MV (which is the same date as RR Round 2). Papers submitted to MV will undergo a two-phase review process. Each paper will first be reviewed by at least two members of the program committee (PC). The PC will then recommend acceptance, rejection, or an invitation to revise and resubmit. Invited revisions will then be reviewed by at least one more member of the PC. Authors of revised papers should explain how they responded to earlier reviews. MV may include invited papers.

A paper accepted to the MV track will be published in the proceedings and presented at the conference.

Important Dates

- Submission: July 23 (same as RR-2) / Revision: September 10 / Notification: December 10
- All deadlines are immediately before midnight at the antimeridian.