Message from the SCGSE 2015 Organizers:

Automated software engineering, and software engineering in general, has a rich history around the issues of collaboration. For example, one could argue that the need for creating the term software engineering was motivated by software projects that involved multiple people sharing information. Over the years, tools emerged to support process and versioning. Case studies and empirical research reported on the nature of problems in collaboration in software projects. Theoretical work focused on models to inform automation and representations to facilitate it.

This workshop seeks to bring a number of themes together by highlighting collaboration as a specific lens or framework for assessing the state of the art in automated support for collaborative and global software engineering. Taking this specific focus, issues about integrative solutions, open problems, and a research agenda will emerge. Moreover, the focus on collaborative and global aspects could potentially attract researchers normally outside of the ASE community but with related work, for instance, researchers studying global software engineering.

Our invitation for position papers included, but did not limit participants to, the following themes: models of collaboration, including specific aspects such as awareness, trust, or coordination; empirical studies, both qualitative and quantitative, including ethnographic studies, surveys, and case studies; software tool support for collaboration, including analytics, user interface issues, and cognitive support; issues of context, e.g. radically co-located and globally distributed collaborations, and degrees in-between; and social and organizational issues, including trust, privacy, and incentives.

We received papers from authors in the United States, Brazil, Germany, and India. All papers were reviewed by three members of the organizing committee. In the end we have four papers and a terrific range of ideas. Papers include software support for globally distributed Agile teams; an infrastructure for collecting data across software projects even using different platforms; an empirical study of software developers focusing on dependencies; and a theoretical model to help optimize decision making by a group.

We look forward to a lively foray into collaboration as lens for understanding automated support for software engineering. We thank the conference chair and the workshop co-chairs for encouraging our workshop and providing guidance along the way and we thank the authors for their contribution. Finally, we encourage others to come and join the conversation at the workshop.

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