

Welcome from the SEmotion 2018 Chairs

Welcome to the 3rd International Workshop on Emotion Awareness in Software Engineering (SEmotion 2018)! This workshop, held at ICSE 2018, follows the second edition held at ICSE 2017. The workshop's aim is to create an international, sustainable forum for researchers and practitioners to meet, present, and discuss work on the role of affect and emotion in software engineering.

Affective computing is the study and development of systems and devices that can recognize, interpret, process, and simulate human affect, i.e. the experience of feeling or emotion. In the last decade, research has shown how affective states influence work performance and team collaboration. This also applies to software engineering, an inherently collaborative activity involving people in a broad range of collaborative tasks where personality, moods, and emotions play crucial roles.

To ensure the success of software engineering projects, stakeholders must experience positive affect, agree on display rules for emotions, and share mutual commitment towards project goals. By leveraging emotion awareness in software engineering, we can enhance development performance, improve software quality, help regulate the mood of a project team, and promote fruitful interactions between software engineering stakeholders.

SEmotion 2018 addresses the opportunities and challenges of employing affective computing in software engineering. First, we investigate the impact of affective states (emotions, moods, attitudes, personality traits, etc.) on individual and group performance, commitment, and collaboration in software engineering. Second, we foster discussion on issues posed by exploiting affective computing as a new method for empirical software engineering.

We are pleased to present a collection of 10 selected papers about empirical studies, theoretical models, and design of SE-specific tools for emotion detection. We invited three paper categories: 6-page full papers, 4-page short position papers and 2-page poster and demo papers, to encourage the submission of contributions describing different stages of research. Each paper went through a thorough review process with at least three reviewers. Papers were evaluated based on their originality, quality, and relevance to the workshop.

Based on the recommendations of the program committee, we accepted 7 full papers, and 3 short papers. The papers cover a range of topics relevant to SEmotion themes, from sentiment analysis to experimental methods, to detecting emotions in particular contexts. Several papers also address the standardization of the use of emotion assessment methodologies. The program includes a good mix of theory and practice, stable and in-progress research, as well as tool and methodology-oriented work. We hope that this mix will foster discussion around the topics during and after the workshop.

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Sincerely,

Andrew Begel, Alexander Serebrenik, and Daniel Graziotin
SEmotion 2018 Chairs