

Welcome from the SEEM 2018 Co-Chairs

Welcome to SEEM 2018, the Second International Workshop on Software Engineering Education for Millennials, collocated with the 40th International Conference on Software Engineering in Gothenburg, Sweden.

Millennials are defined as the demographic cohort following Generation X, born between early 1980s and early 2000s. We are already educating most of them. Many more are reaching adulthood, and college age, about now, and will soon be in our classrooms. Educating the new breed of software engineers is tough. *Millennials* have been dominating the higher education programs for some time. This cohort has unique needs, learning styles, and skills. They are diverse, collaborative, tech-savvy, and keenly interested in emerging technologies. The software industry is in a constant state of flux, with new techniques, paradigms, and application domains popping up with increasing frequency. Companies quickly adjust to this shifting landscape, and their expectations and needs also shift with it. What about educators? How should software engineering curricula and educators' teaching styles adapt to these changes? Perspectives of students and educators should be heard to answer this question and identify solutions. Following last year's [*First International Workshop on Software Engineering Curricula for Millennials \(SECM 2017\)*](#), our goal in this second edition is to continue to bring together main stakeholders to discuss the unique needs and challenges of software engineering education for *Millennials*.

We solicited Research Papers, Experience Reports, and Position Papers addressing a variety of related topics that include: software engineering education for new and emerging technologies; novel approaches to designing software engineering curricula; needs and expectations of Millennials aspiring to be software engineers; skills and continuing education for software engineering educators; classroom formats that cater to diverse learning styles; teaching approaches that leverage technology-enhanced education in software engineering courses; balancing teaching of soft and hard skills and rigor and practicality in software engineering education; and experience in educating Millennials in software engineering programs.

Our international program committee consisted of 26 software engineering educators and researchers from academia and industry across 15 different countries. Three contributions were accepted as Research Papers, eight contributions as Experience Reports, and one contribution as a Position Paper. The contributions span a variety of topics, including team composition in software engineering project courses, students performance, case-based learning, hackathons, design thinking workshops, MANGA-driven product development, and more.

Building on its predecessor, the workshop will use an interactive format, organized around short presentations to generate discussion topics, an exercise to select the most interesting topics, and

structured breakout sessions to allow participants to address those topics. We are planning on including not only educators, but also Millennial students to hear their views on how to make software engineering education more effective and rewarding for all stakeholders. Our ulterior motive with this second edition of SEEM is to continue to grow a community excited about and dedicated to serving Millennial students. Please join us in beautiful Gothenburg to share your thoughts, insights, and experiences, seek and offer advice on pedagogical methods that work, and explore collaboration opportunities on new curricular initiatives.

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