Delft University of Technology

Welcome from the chairs

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Welcome from the Chairs

Welcome to the first edition of the International Workshop on Education through Advanced Software Engineering and Artificial Intelligence (EASEAI 2019) to be held in Tallinn, Estonia, August 26th, 2019, co-located with ESEC/FSE 2019.

In the past years, with the development and widespread of digital technologies, everyday life has been profoundly transformed. The general public, as well as specialized audiences, have to face an ever-increasing amount of knowledge and learn new abilities. The EASEAI workshop addresses that challenge by looking at software engineering, education, and artificial intelligence research fields to explore how these fields can cross-fertilize and benefit from each other. Specifically, this workshop brings together researchers, teachers, and practitioners who use advanced software engineering tools (such as software development tools and methods, productivity tools, software inspection and analysis tools, automated testing techniques, etc.) and artificial intelligence techniques in the education field as well as researchers and teachers in education science who tackle how to improve awareness regarding digital technologies through a transgenerational and transdisciplinary range of students.

In total, EASEAI 2019 received 15 submissions, out of which 9 papers were accepted after a thorough review process. Three members of the program committee reviewed each submission. The accepted papers cover various topics and are divided into three main sections, each one corresponding to a session during the workshop: *Programming education and digital literacy awareness*; *Automated feedback and evaluation systems*; and *Teaching advanced software engineering*. We are also very glad to have Thomas Deneux, Research Engineer at the CNRS (Paris, France), as keynote speaker, who will talk about "*Using a learning robot to open the black box of artificial intelligence*". Finally, we sincerely thank the program committee members, authors, and participants who will make EASEAI an exciting and successful event!

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Benoît Frenay, University of Namur (Belgium)
Julie Henry, University of Namur (Belgium)
Xavier Devroey, Delft University of Technology (Netherlands)

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