

Session	Time (CEST)	Duration (minutes)	Title	Name(s)
<b>Opening</b>				
	11:30	30	Technical Check	
	12:00	10	Intro	Juergen Mottok
<b>Keynote</b>				
	12:10	50	Keynote: The Functionality behind Non-functional Requirements	Amir Tomer
	13:00	15	Break 1	
<b>Session 1: Learning-Arrangements in Software Engineering Education</b> <span style="float: right;">Session Chair: Georg Hagel</span>				
	13:15	20	Gamification in software engineering education through Visual Novels	Matthias Gensheimer, Florian Huber, Georg Hagel
	13:35	20	Teaching cooperative problem solving	Karsten Weicker
	13:55	20	Totally Different and yet so Alike – Three Concepts to Use Scrum in Higher Education	Marco Klopp, Carolin Gold-Veerkamp, Joerg Abke, Kai Borgeest, Rebecca Reuter, Sabrina Jahn, Juergen Mottok, Yvonne Sedelmaier, Alexander Lehmann, Dieter Landes
	14:15	15	Break 2	
<b>Session 2: Programming as a frontier in Software Engineering Education</b> <span style="float: right;">Session Chair: Joerg Abke</span>				
	14:30	20	Motivating Adult Learners by Introducing Programming Concepts with Scratch	Maren Krafft, Gordon Fraser, Neil Walkinshaw
	14:50	20	Software Engineering Education of Classical Computing vs. Quantum Computing - A Competency-Centric Approach	Niklas Kiefl, Georg Hagel
	15:10	20	MuLE – a Multiparadigm Language for Education. The Object-Oriented Part of the Language.	Nikita Duemmel, Bernhard Westfechtel, Matthias Ehmann
	15:30	20	Deliberate Practice in Programming - How is it carried out by programmer	Florian Hauser, Theresa Stark, Juergen Mottok, Hans Gruber, Rebecca Reuter
	15:50	20	CodeTripping - Towards Mastering App Development Using a Web-based Learning Tool. A Case Study	Bianca Bergande, Anna Petrikoglou, Theodoros Kaskalis, Philipp Brune
	16:10	15	Break 3	
<b>Session 3: Technologies &amp; Tools in Software Engineering Education</b> <span style="float: right;">Session Chair: Philipp Brune</span>				
	16:25	20	Tool-Aided Assessment of Difficulties in Learning Formal Design-by-Contract Assertions	Megan Fowler, Eileen Kraemer, Yu-Shan Sun, Murali Sitaraman, Jason Hallstrom, Joseph Hollingsworth
	16:45	20	Towards the Automation of Grading Textual Student Submissions to Open-ended Questions	Jan Philip Bernius, Anna Kovaleva, Stephan Krusche, Bernd Bruegge
	17:05	20	A hands-on approach on software engineering education using fischertechnik hardware	Matthias Gensheimer, Erich Mueller, Georg Hagel
<b>Closing</b>				
	17:25	10	Closing	Dieter Landes