

Wednesday, 2nd September 2026

Time	SEAA Track 1	SEAA Track 2	SEAA Track 3
08:30 - 09:00	Welcome Session (Organizers, PC Chairs)		
09:00 - 10:30	Keynote 1 - Torvald Mårtensson (Saab AB and Linköping University): Testing and Test Environments for Large-Scale Cyber-Physical Systems		
10:30 - 11:00	Coffee Break		
11:00 - 12:30	Session 1: DAIDE Session chair: Helena H. Olsson Philipp Zech, Sascha Hammes, Johannes Weninger, Jürgen Pannosch and Gernot Steindl. <i>Software Engineering for AI-driven Building Operation</i> (F: 25 min) Paweł Rżanny, Mirosław Ochodek and Mirosław Staron. <i>Decision-Makers' Perceptions of Barriers to AI Coding Assistant Adoption—A Survey Study</i> (F: 25 min) Abdulrahman Ramadan, Allan Peter Engsig-Karup, Hanen Borchani, Iben Lilholm and Mikkel Almind. <i>Neural Code Translation of Legacy Code: APL to C#</i> (F: 25 min) Yaroslav Harbar and Jarosław A. Chudziak. <i>Cost-Quality Trade-offs in Reasoning Architectures for Agentic Software Engineering Deliberation</i> (S: 15)	Session 2: KKIO Session chair: Mirosław Ochodek Oskar Picus, Camelia Serban and Simona Motogna. <i>Assessment of SOLID Principles in UML Class Diagrams using LLMs</i> (F: 22 min) Bachar Rima, Anas Shatnawi and Abdelhak-Djamel Seriai. <i>E2E Test Generation over a Source-Code-Derived Workflow Space: An Angular Case Study</i> (F: 22 min) Giray Akyol, İlke Latifoğlu, Atakan Kaya and Eray Tüzün. <i>LLM Firewalls: Private LLM Program Repair Using Hybrid Intent Inference</i> (F: 22 min) Dimitrios Christos Kavargyris, Nikolaos Mittas and Lefteris Angelis. <i>ESCOPlus 2.0: A Tool for ESCO Taxonomy Updating via Software Engineering Online Job Ads</i> (F: 22 min)	Session 3: SM Session chair: Valeria Pontillo Anca Vasilescu, Simona Motogna and Dan Mircea Suciu. <i>Women's Participation in Student Software Teams: A Replication Study</i> (F: 25 min) Stefano Lambiase, Gemma Catolino, Mario Torre, Damian Andrew Tamburri, Fabio Palomba and Filomena Ferrucci. <i>"Fright not and be dispersed!" Investigating the Influence of Cultural Dimensions on Communication and Collaboration in Software Development</i> (F: 25 min) Wouter Mulder, Massimiliano Di Penta, Giammaria Giordano, Rick Kazman, Fabio Palomba, Valeria Pontillo and Damian Andrew Tamburri. <i>"I Quit!": Understanding Practitioner Abrupt Disengagement through Socio-Technical Factors in Open Source Software</i> (F: 25 min) Olli Luukkonlahti, Petri Ihanntola and Tommi Mikkonen. <i>Governing Enterprise Technical Debt: Aligning Visibility, Ownership, and Prioritization</i> (S: 15 min)
12:30 - 14:00	Lunch Break		
14:00 - 15:30	Keynote 2 - Andreas Eckel (TTTech Computertechnik AG): title to be announced		
15:30 - 16:00	Coffee Break		
16:00 - 17:30	Session 5: DAIDE Session chair: Jan Bosch Omar Mohamed Hassane, Sushant Kumar Pandey, Sivajeet Chand and Mirosław Staron. <i>Cross-Language Semantic Clone Detection with Instruction Fine-Tuned LLMs</i> (F: 25 min) Georgia Kapitsaki. <i>Regulatory compliance-readiness in the AI Supply Chain: Examining datasets in Hugging Face</i> (F: 25 min) Alexander Naakka, Yuqing Wang and Mika Mäntylä. <i>LATS-RCA: Language Agent Tree Search for Root Cause Analysis in Microservice Systems</i> (F: 25 min) Vladislav Indikov, Lars van Arragon and Daniel Strüber. <i>Toward Systematic Quality Assurance for MLOps</i> (S: 15 min)	Session 6: KKIO Session chair: Mirosław Ochodek Raghu Reddy, Payel Das, Sandip Potdar and Himanshu Warudkar. <i>From Newcomers to Long-Term users: Shifts in Intrinsic, Extrinsic, and Task-Related Factors Driving GHCP Adoption</i> (F: 25 min) Lars Struck, Christian Veenaas, Robert Wiederkind, Joshua Riechmann, Maria Rauschenberger, Philipp Diebold, Simone Dogu and Michael Neumann. <i>Neurodiversity in Agile Teams: Obstacles and Inclusion Barriers</i> (F: 25 min) Klara Borowa, Dominik Nowak and Mikołaj Nowak. <i>Hidden or Formal Architects: Understanding Who Makes Architectural Decisions in Practice</i> (F: 25 min) Maciej Grula. <i>Word2Tensor: A Deterministic, Training-Free Snippet Representation for Code Retrieval and Indexing</i> (WiP: 7 min) Giorgia Paisi, Francesca Arcelli Fontana and Bartosz Walter. <i>Exploratory Study on Code Smells Detection and Refactoring using LLMs</i> (WiP: 7 min)	Session 7: SM Session chair: Fabio Palomba Xiaozhou Li and Andrea Janes. <i>Organizational Cohesion in Microservice Architectures: A Multi-Project Empirical Study</i> (F: 25 min) Rafał Włodarski, Lydia Eckstein and Michael Melville. <i>AI-supported feedback for software design artifacts: the role of feedback form and integration effort</i> (F: 25 min) Widad El Ouataoui, Ali Idri and Alain Abran. <i>Reviewing the use of AI-Driven Functional Size Measurement</i> (S: 15 min) Rana Abdelalim, Milad Ghantous, Hassan Soubra and Tuna Hacaloglu. <i>A RAG-Based Pipeline for Automated COSMIC Functional Size Measurement</i> (S: 15 min) Vadim Peczyński and Joanna Szłapczyńska. <i>Microservice Decomposition using Many-Objective Optimization</i> (WiP: 7 min)
	Welcome Cocktails		

Registration opens at 8:00 a.m.; F = full paper, S = short paper, WiP = work-in-progress paper

Thursday, 3rd September 2026				
Time	SEAA Track 1	SEAA Track 2	SEAA Track 3	SEAA Track 4
09:00 - 10:30	Keynote 3 - Davide Rossi (University of Bologna, Fondazione Chips-IT): Past, Present and Future of RISC-V - The PULP Perspective			
10:30 - 11:00	Coffee Break			
11:00 - 12:30	Session 8: DAIDE Session chair: Helena H. Olsson Chi Xiao, Daniel Ståhl and Jan Bosch. <i>Towards Automated Evaluation of UML Sequence Diagram Generation With Open-Source LLMs</i> (F: 30 min)	Session 9: CPS Session chair: Saad Mubeen Md Masud Haider, Mughees Qasim, Chalith Haputhantrige, Nardos Estifanos, Kari Systä, Niko Mäkitalo, David Hästbacka and Tommi Mikkonen. <i>Running ML-models Dynamically on Edge Devices</i> (F: 30 min)	Session 10: MDEML Session chair: Kevin Feichtinger Nils Niehues and Robert Heinrich. <i>Automatic Translation Of Data Flow Constraints Into Conjunctive Normal Form</i> (F: 30 min)	Session 11: SPPI Session chair: Stefan Biffl Janek Groß, Elena Zentgraf and Jens Heidrich. <i>Quality Metrics for LLM-Generated Asset Administration Shells: A Perturbation-Based Evaluation Approach</i> (F: 22 min)
	Robert Heumüller and Frank Ortmeier. <i>CreaTE+: Cross Modal Retrieval for Code Review Comment Generation</i> (S: 20 min)	Milko Monecke, Julian Böhm and Sabine Glesner. <i>Fairness in Task-Set Generation under Fixed Specifications</i> (F: 30 min)	Karl Kegel, Markus Hamann and Uwe Aßmann. <i>Karphen: A Lightweight Modeling- and Model Execution Toolkit for Education and Prototyping</i> (F: 30 min)	Srijita Basu and Miroslaw Staron. <i>Security in a Workflow: Exploring Role-Based Agentic Architectures for Vulnerability Handling</i> (F: 22 min)
	Fatiha El Aouni and Karima Moumane. <i>Anomaly Detection in DevOps Pipelines Using LSTM, Autoencoders, and K-Means Clustering</i> (S: 20 min)	Mahdi Jafari, Thomas Weber, Fatma Chebbi, Christopher Gerking and Ralf Reussner. <i>Using Architectural Zones to Generate Information-Flow-Aware</i>	Fabian Eger, Maximilian Heisinger, Rick Rabiser and Kevin Feichtinger. <i>Analyzing DOPLER Decision Models with SMT</i> (S: 15 min)	Lorenzo Abbondante and Gerardo Canfora. <i>Commit-Aware Learning-Based Test Case Prioritization for Continuous Integration</i> (S: 15 min)
	Jan Dolejš, Martin Jureček and Róbert Lórencz. <i>Gray-Box Poisoning of Continuous Malware Ingestion Pipelines</i> (S: 20 min)	<i>Abstract Penetration Test Cases</i> (F: 30 min)	Henri Cossais, Léna Bamouh, Erwan Bousse, Jean-Marie Mottu and Gerson Sunye. <i>Constraint-based Test Case Concretization for End-to-end Combinatorial Testing</i> (S: 15 min)	Gargie Tambe and Y. Raghu Reddy. <i>HARP-ML Framework: A Hybrid Assisted Refactoring Pipeline for ML Code Smells</i> (S: 15 min)
				Lorenzo Laudadio, Alessandro Costantino, Marco Torchiano and Riccardo Coppola. <i>GAppium+: A Tool For Gamified Testing With Appium Inspector</i> (S: 15 min)
12:30 - 14:00	Lunch Break			
14:00 - 15:30	Keynote 4 - Jaroslaw Krolewski (Synerise, AGH University of Krakow): Synerise Case Study - Engineering Teams That Ship a Billion Decisions a Day - Peopleware at Production Scale			
15:30 - 16:00	Coffee Break			
16:00 - 17:00	Session 12: EXTRA Session Chair: Giammaria Giordano Kayode Sakariyah Adewole, Romina Spalazzese, Paul Davidsson and Andreas Jacobsson. <i>A Framework for Assessing Trustworthiness in Intelligent IoT Systems</i> (F: 22 min)	Session 13: CPS Session Chair: Saad Mubeen Jesper Winsten, Gaadha Sudheerbabu, Dragos Truscan, Miro Eklund and Ivan Porres. <i>From System Specifications to Adaptive Conformance Testing of a Waste Heat Recovery Simulation Model: An Industrial Case Study</i> (F: 25 min)	Session 14: SMSE Session Chair: Stephen Swift, Mahir Arzoky Ignacio Marco-Pérez, Beatriz Pérez and Ángel Luis Rubio García. <i>Automated Data Extraction in Software Engineering SLRs: Promise, Pitfalls, and the Role of Human Oversight</i> (F: 20 min)	Session 15: SPPI & ECT Session Chair: Stefan Biffl Muhammad Usman, Johan Linåker, Deepika Badampudi and Hannes Salin. <i>Adopting InnerSource in a Public Sector Organization: An Exploratory Case Study</i> (S: 15 min)

	Giuseppe Di Martino, Sergio Di Meglio, Valeria Pontillo and Luigi Libero Lucio Starace. <i>Exploring the Socio-Technical Motivations Behind the Adoption and Migration of Web GUI Testing Frameworks</i> (F: 22 min)	Stefan Manfred Haratzmüller, Thomas Rosenstatter, Olaf Saßnick, Dalibor Sain and Stefan Huber. <i>ISIA-AF: Orchestrating Reproducible Attacks and Multi- Source Data Collection for OT Systems</i> (S: 15 min)	Mika Mäntylä, Patricia Matsubara, Katia Felizardo, Miikka Kuutila, Marco Gerosa, Savio de Sousa Sampaio, Tayana Conte and Igor Steinmacher. <i>Understanding LLMs in Title-Abstract Screening: From Disagreements to Recommendations</i> (F: 20 min)	Momoe Kobayashi, Takako Nakatani and Takashi Kobayashi. <i>Bridging Stakeholder Needs and Requirements via Multi-perspective Goal Modeling: A Case Study of Administrative Digital Transformation in Japan</i> (S: 15 min)
	Giorgos Vrakas, Georgia Kapitsaki and Tatiani Eleni Synodinou. <i>Enabling lawful Text and Data Mining: a platform to navigate the complex web of legal rules</i> (S: 15 min)	Ryuga Chiba, Hiroshi Fujimoto and Takuya Azumi. <i>Model-Based Retargeting to Many-Core CPS: Simulink-to-OpenCL Workflow</i> (S: 15 min)	Jesse Nyyssölä, Hamza Bin Mazhar, Alexander Bakhtin, Matteo Esposito, Nana Reinikainen, Yuqing Wang, Ying Song, Davide Taibi and Mika Mäntylä. <i>Towards LLM Accelerated Rapid Reviews for Software Tool Discovery - Case for Log Anomaly Detection</i> (F: 20 min)	Aurora Macías, Evangelos Ntontos, Uwe Zdun and Elena Navarro. <i>Architectural Design Decisions for Entanglement between Digital Twins and Microservices-based Systems</i> (S: 15 min) Tomáš Bureš, František Plášil, Petr Hnetyňka and Michal Topfer. <i>Towards Component-based Development for the Era of AI Coding Agents</i> (S: 15 min)
	Dinner			

Friday, 4th September 2026			
Time	SEAA Track 1	SEAA Track 2	SEAA Track 3
9:00 - 10:00	Keynote 5 – Mira Mezini (TU Darmstadt): AI-assisted Programming: From Intelligent Code Completion to Foundation Models. A Twenty-Year Journey		
10:00 - 10:30	Coffee Break		
10:30 - 12:00	Session 16: KKIO Session chair: Srijita Basu Michał Mnich, Adam Roman and Arkadiusz Pośpieszny. <i>Evaluation of Quality, Effectiveness, and Reproducibility of AI-Generated Unit Tests Through Mutation Testing Techniques</i> (F: 22 min) Matheus Lopes and Breno Miranda. <i>Automating Environment Configuration and Execution in Hardware-Dependent Test Suites: An Empirical Study</i> (F: 22 min) Riccardo Coppola, Tommaso Fulcini, Flavio Giobergia, Davide Randino, Marco Roman, Erik Scolaro, Luigi Aceto and Isabella Ilaria Favero. <i>Do Multi-Agent LLMs Improve Test Generation? A Study of Coverage, Mutation Score, and Cost</i> (F: 22 min) Mete Akcay, Moamin Abughazala and Henry Muccini. <i>LiteReviewer: A Practical, Energy-Aware Code Review System Using Local Language Models</i> (F: 22 min)	Session 17: SMSE Session chair: Stephen Swift Maryum Hamdani, Mateen Ahmed Abbasi, Marko Jantti and Markku Tukiainen. <i>Challenges and Contributions in Quality of AI-Based Software: A Systematic Mapping Study</i> (F: 22 min) Eda Okay and Özden Özcan Top. <i>A Systematic Assessment of Maturity Models for AI/ML-Based Software Development</i> (F: 22 min) Gabriele De Vito, Filomena Ferrucci and Luca Visentin. <i>How Generative AI is Used in Software Project Management: A Systematic Literature Review</i> (F: 22 min) Spyridon Alvanakis Apostolou, Jan Bosch and Helena Holmström Olsson. <i>Assistance to Autonomy: A Systematic Literature Review of Agentic AI across the Software Development Lifecycle</i> (F: 22 min)	Session 18: STREAM Session chair: Deepansha Chowdhary. <i>Empirical Study on Engineering Decisions in Multi-Agent Reinforcement Learning Systems</i> (F: 22 min) Oliver Larsen and Mahyar Moghaddam. <i>Mining Architectural Quality Under Agentic AI Adoption: A Causal Study of Java Repositories</i> (F: 22 min) Sophie Chaveli, Mahir Arzoky, Stephen Swift and Steve Counsell. <i>Selecting GitHub Repositories for Electroencephalography-based Code Quality Assessment</i> (F: 22 min) Sabato Nocera and Giuseppe Scanniello. <i>Cryptography Bill om GitHub</i> (F: 22 min)
12:00 - 13:30	Lunch Break		
13:30 - 15:00	Session 19: KKIO Session chair: Srijita Basu Paweł Rzanny, Miłosz Matuszewski, Michał Maćkowiak and Mirosław Ochodek. <i>A Unified Architecture for Inter-Commit Fine-Grained Code Change Collection: Design, Rationale, and Validation</i> (F: 30 min) Fernando Pastor Ricos, Robbert van Dalen, Ashish Ghosh, Beatriz Marin and Tanja E. J. Vos. <i>Supportive generation of Test Scenarios in INGenious using scriptless AI-agents</i> (F: 30 min) Jakub Ruszil, Adam Roman, Jakub Zelek, Artur Polański, Dmytro Polishchuk and Konrad Poręba. <i>A Large-Scale Dataset of Non-Isomorphic Control Flow Graphs from Real-World Code for Test Design Problems</i> (S: 15 min) Filip Vabroušek. <i>Nodality: Treating the Build Pipeline as First-Class Data in Declarative Web UI Construction</i> (S: 15 min)	Session 20: SMSE Session chair: Mahir Arzoky, Sophie Chaveli Ying Song, Ke Ping, Yuqing Wang and Xiaozhou Li. <i>Large Language Models for Fuzz Testing in Microservices: A Systematic Literature Review</i> (F: 22 min) Mina Badri, Helena Holmström Olsson and Jan Bosch. <i>Bridging Research and Practice in Federated Learning: A Multivocal Review of System-Level Architectures and Processes</i> (F: 22 min) Marco Hecktor and Sabine Sachweh. <i>Green Software Engineering: A Systematic Mapping of Design Impacts on Energy Consumption</i> (F: 22 min) Fazeleh Dehghani Ashkezari, Martin Höst, Kayode S. Adewole, Klara Svalin and Andreas Jacobsson. <i>Interpersonal Violence and Abuse in Smart Homes: A Systematic Mapping Study</i> (F: 22 min)	
15:15 - 15:45	Closing Session (Organizers, PC Chairs)		