

# Preface

Welcome to the Proceedings of the 10th International Symposium on End-User Development (IS-EUD 2025), organised at the Ludwig-Maximilians-Universität München (Germany) and held during June 16–18, 2025. IS-EUD is a biennial event that gathers researchers interested in extending knowledge about how to design End-User Development (EUD) technologies and provide scientific accounts of phenomena surrounding EUD practices.

EUD aims to empower end-users who are not necessarily experts in software development to create software to address their specific needs. The goal is to foster greater autonomy, creativity, and contextual relevance in software use, especially in domains where users possess deep domain knowledge but lack formal programming expertise. While originally framed around enabling users to engage with software development, EUD as a field has increasingly expanded to include the customization and configuration of complex systems involving artificial intelligence (AI), the Internet of Things (IoT), robotics, and cyber-security. As such, the scope of EUD today reflects a broader vision, one that supports user agency in shaping the behavior of a wide range of intelligent and interactive technologies.

The conference welcomes contributions that describe new, simple, and efficient environments for EUD, propose novel uses of Generative AI (GenAI) to support and enhance EUD practices, explore no-code/low-code paradigms and visual languages that enable users to create software and systems without traditional programming, and describe new processes, methods, and techniques for empowering users to create, modify, and tailor digital artefacts.

IS-EUD 2025 collected research contributions as full papers, short papers, work-in-progress/demos, and doctoral consortium papers that presented topics surrounding:

- Automation, Sustainability, and Smart Environments
- Democratizing AI and Programming
- AI for End-User Empowerment: Personalization and Wellbeing
- EUD Principles, Methodologies, and Participatory Cultures

The Regular and Short Papers track received 25 submissions, all of which underwent a rigorous double-blind review process, with at least three reviewers from the program committee, which eventually led to accepting 13 regular papers and 8 short papers.

The program was opened by the keynote speaker Enkelejda Kasneci, Distinguished Professor for Human-Centered Technologies for Learning at the School of Social Sciences & Technology in München (Germany), who discussed strategies for using large language models for learner-centered EUD, focusing on intuitive design scaffolding, transparent AI interactions, and fostering creative agency. The other invited speaker of the conference was Antonella De Angeli, Professor at the Free University of Bozen-Bolzano (Italy), who discussed how machine speed influences creative EUD, drawing on research with artists to highlight issues of agency, conflict, and ideology.

The program also hosted four workshops: CoPDA 2025 (Cultures of Participation in the Digital Age: Sustainability Perspectives and Frameworks for Making Cultures of Participation Successful), exploring the intersection of sustainability and cultures of participation in diverse contexts; CSE4IA 2025 (Cyber Security Education for Industry and Academia), focusing on major challenges for cybersecurity education due to evolving threats and a shortage of skilled professionals; AI4EUD 2025 (Empowering the End-User — Software Development with LLMs), exploring how GenAI can empower end-user developers to create high-quality software; and A<sup>2</sup>ID 2025 (Augmented Artificial Intelligence: a Symbiotic Approach to Enhance Decision-Making), investigating human-AI collaboration in decision-making, aiming to design ethical, trustworthy, and human-centered AI systems that enhance rather than replace human capabilities.

We extend our deepest gratitude to everybody who contributed to the organization of the conference, especially the chairs: Viktorija Paneva and Daniel Tetteroo (Workshop Chairs), Vittoria Frau and Sebastian Feger (Demos and Work in Progress Chairs), Davide Spano, Fabio Paternò, and Stefan Sauer (Doctoral Consortium Chairs), Marco Manca (Proceedings Chair), Evropi Stefanidi (Publicity Chair), and Andrea Esposito (Web Chair).

We finally thank all the authors and reviewers for their commitment and contribution to making the symposium a successful event!

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Carmen Santoro  
Albrecht Schmidt  
Andrea Bellucci  
Maristella Matera