



Association for
Computing Machinery

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Advancing Computing as a Science & Profession



EICS '24 Companion

Companion of the 2024 ACM SIGCHI Symposium on
Engineering Interactive Computing Systems

Sponsored by:

ACM SIGCHI

General Chairs:

Michael Nebeling, University of Michigan, USA

Lucio Davide Spano, University of Cagliari, Italy

Technical Program Chair:

José Creissac Campos, University of Minho, Portugal



**Association for
Computing Machinery**

Advancing Computing as a Science & Profession

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General Conference and Technical Program Chairs' Welcome

The ACM Symposium on Engineering Interactive Computing Systems (EICS) is the primary venue for research contributions at the intersection of Human-Computer Interaction (HCI) and Software Engineering. EICS 2024 is the fourteenth edition of the EICS conference; however, our community was the first to organize a scientific gathering to foster and exchange research ideas and contributions on how to engineer the effective interactive aspects of a computing system. This happened for the first time in 1974, and this year we celebrate the golden jubilee of the first Conference on Command Languages (CCL), which explored the emerging primary technologies to interact with computing systems, namely command languages. Since then, other conferences contributed to shaping EICS as it is now. CCL has evolved into the Engineering HCI conference, and the same community organized sibling conferences such as CADUI (Computer-Aided Design of User Interfaces), TAMODIA (Tasks, Models and Diagrams) and DSV-IS (Design Specification and Verification of Interactive Systems)—started in 1994—which adds its 30th anniversary to the celebrations at EICS 2024.

The programme hosts a panel for discussing the origins from the union of these seminal conferences in 2009, to its current status today, and looks forward into its (possible) futures. Since then, this conference has become the primary venue for rigorous contributions, and dissemination of research results, that hold the interconnection between user interface design, software engineering and computational interaction.

EICS 2024 welcomed contributions in the form of full papers, late-breaking results, tutorials, workshops, and a doctoral consortium. For a few years now, we have had three separate submissions dates (or “rounds”) for full papers: the first in July, the second in October, and the third in February. Other contributions had a single submission date in March. All accepted contributions are invited to present at the conference in June. While full papers are now published as journal articles in the Proceedings of the ACM on Human-Computer Interaction (PACM HCI, EICS series), the present proceedings features contributions received as late-breaking results, tutorials, and workshops. In the three submission rounds we have received 64 (out of 81 submissions in total) valid full papers submissions, of which we carefully selected 22 papers (acceptance rate of 34.4%). We received 25 submissions for late-breaking results of which 9 were accepted (acceptance rate of 36.0%). EICS 2024 features 2 tutorials and 3 workshops,

both of which were curated by dedicated track chairs. We also received 8 contributions to the doctoral consortium, which are not included in these proceedings. Finally, the EICS 2024 technical program features 3 exciting keynotes by Julie Williamson (University of Glasgow, UK), Patrick Baudisch (Hasso Plattner Institute, Potsdam University, Germany) and Cristina Conati (University of British Columbia, Vancouver, Canada).

We would like to express our sincere gratitude to everyone who supported EICS 2024 in a range of ways starting with the Steering Committee of EICS that very kindly allowed EICS to be organized in Cagliari, Italy. Many thanks to the members of the program committee, reviewers and chairs who did amazing work shaping the selection of this year's contributions to EICS. Our immense gratitude extends to the keynote speakers who happily agreed to sharing their knowledge and experience with us. Also, many thanks to our organizing committee, and our sponsors who helped us make this conference happen.

Michael Nebeling
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