



MobileHCI'23

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MobileHCI '23 Adjunct

**Publication of the 25th ACM International Conference
on Mobile Human-Computer Interaction**

Sponsored by:

ACM SIGCHI

General Chairs:

**Andreas Komninos, Carmen Santoro, Damianos
Gavalas**

Paper Chairs:

Johannes Schoening, Maristella Matera, Luis A. Leiva



**Association for
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MobileHCI 2023 General Chairs' Welcome

It is our great pleasure to welcome you to MobileHCI 2023, the ACM International Conference on Mobile Human-Computer Interaction, the premier forum for innovations in mobile, wearable and personal devices and the services accessible through them.

MobileHCI 2023 is the second edition held in hybrid form in its history, with the in-person conference being held in Athens, Greece. The conference has a long tradition of being hosted in Europe but has never been held in South-East Europe. The international appeal of the conference is represented by the 293 authors of accepted works, from 140 organisations based in 26 countries in Europe, Asia, North America and Oceania.

The conference theme in 2023 is "Beyond morality: Ethics and action in MobileHCI". Ethics are our deliberate effort to find answers to the questions of identifying good actions and choices. The theme of this year is an encouragement to move from following inherited, learned or handed-down rules that define good actions and choices (e.g. from legislation, professional practice, tradition, cultural and social norms and customs) to even more mindful consideration of ethical aspects in their research, as part of problem definition, system design, experimental design, instrument and metric adoption, as well as conclusions and generalisation of their research findings.

Besides the paper sessions, MobileHCI 2023 has an exciting, rich program of activities including posters, demos, workshops, tutorials, industrial perspectives, and a Doctoral Consortium. Our three keynotes, and 10-year impact award talks by inspiring speakers will guide the audience through the journey of mobile realities and futures.

In line with SIGCHI values and to promote inclusivity and diversion, and to nurture experience and engagement with conference organization especially for early career researchers, 66% (29) members of the MobileHCI 2023 organizing committee were chosen after our bid's selection, through an open call to the community. We are especially thankful to all those who responded to the call, to the selected members of the organizing committee, the volunteer associate chairs and reviewers, and the student volunteers for their precious time and efforts when facing great global and regional challenges. We would like to express our deepest gratitude to everyone who participates in MobileHCI 2023 and helps create the wonderful conference program and experience.

We also thank our sponsors and supporters for their kind contribution to the organization of MobileHCI 2023.

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We wish you a joyful and fruitful experience at MobileHCI 2023!

Andreas Komninos
Carmen Santoro
Damianos Gavalas

MobileHCI 2023 General Chairs

MobileHCI 2023

Paper Chairs' Welcome

The full papers presented at MobileHCI'23 are published as an issue in the PACM HCI journal. As journal articles, the submissions went through a two-stage, double-blind review led by the paper chairs and 48 associate editors. Of the associate editors 25 continued from the previous year; the other members were welcomed this year. In total 68% of associate editors were located in Europe, 21% in Australia or Asia, and 11% in North America; 44% were female.

We received 110 valid submissions from across the world. After the first round of reviews, 61 contributors were invited to submit revised versions of their articles. After the second round, 42 articles were accepted, resulting in an acceptance rate of 38%. The selected articles cover a wide spectrum of topics, showcasing innovative approaches, novel findings, and thought-provoking ideas. From novel interaction techniques to user-centred design principles, from ethical considerations to the challenges of ubiquitous computing, these contributions represent the rich tapestry of research within Mobile HCI.

One paper was recognized with the best paper award:

- Frappé: An Ultra Lightweight Mobile UI Framework for Rapid API-based Prototyping and Environmental Deployment. *Adil Rahman, Seongkook Heo.*

Three other papers received a best paper honorable mention award:

- Exploring Visual Signifier Characteristics to Improve the Perception of Affordances of In-Place Touch Inputs. *Eva Mackamul, Géry Casiez, Sylvain Malacria.*
- The Loop and How to Break It: Investigating Infinite Scrolling Behaviour in Social Media Applications and Reasons to Stop. *Jan Ole Rixen, Luca-Maxim, Michael Glöckler, Mark Colley, Marius-Lukas Ziegenbein, Anna Schlothauer, Enrico Rukzio, Jan Gugenheimer.*
- Drawing Connections: Designing Situated Links for Immersive Maps. *Zeinab Ghaemi, Barrett Ens, Ulrich Engelke, Bernhard Jenny.*

The awarded papers were selected by a best-paper committee with members who have extensively contributed in the Mobile HCI community. The committee was led by Prof. Albrecht Schmidt and involved: Luigi De Russis, Tilman Dingler, Jonna Häkkinä, Tsvi Kuflik, Sven Mayer, Jasmin Niess, Jaisie Sin, Radu-Daniel Vatavu, and Giuliana Vitiello. We deeply thank the committee for their diligence.

We have also received 51 Late-Breaking Work (poster) submissions from across the world. Following a rigorous review process 23 articles were accepted, resulting in an acceptance rate of 45%. Late-Breaking Work content was curated by the respective chairs, assisted by external peer review assigned to associate chairs and reviewers.

One paper was recognized with a best poster award:

- Attentive Notifications: Minimizing Distractions of Mobile Notifications Through Gaze Tracking. *Sebastian Hueber, Eunae Jang, Jan Borchers.*

Two other papers received a best poster honorable mention award:

- Integrating Real-Time Health Status into Everyday Objects: A Design Case Study on Enhancing Diabetic Health Monitoring with Artistic Creations. *Hamideh Hosseini Toudeshky, Marta Kersten-Oertel.*
- Exploring Real-Time Collaborative Heart Rate Displays for Cycling Partners. *Maedeh Agharazidermani, Lincoln Lu, Kristy Elizabeth Boyer.*

The awarded papers were selected by the Late-Breaking Work Chairs: Sven Mayer, Cristina Gena and Alexandra Papoutsaki.

The 10-year impact award, which was selected by the MobileHCI Steering Committee, was presented to the authors of the following MobileHCI 2013 paper:

- What's up with whatsapp?: comparing mobile instant messaging behaviors with traditional SMS. *Karen Church and Rodrigo di Oliveira*

In addition to full papers and posters, the conference will also feature exciting other archived content: 4 industrial perspectives, 5 demos, 4 workshops, 1 tutorial, and 6 PhD theses discussed at the Doctoral Consortium. All the above-mentioned content was selected and curated by the respective chairs.

We finally thank the general chairs for their excellent work in organizing the conference. We hope you will enjoy the program.

Johannes Schoening
Maristella Matera
Luis A. Leiva

MobileHCI 2023 Paper Chairs