

WELCOME TO



MobileHCI'23

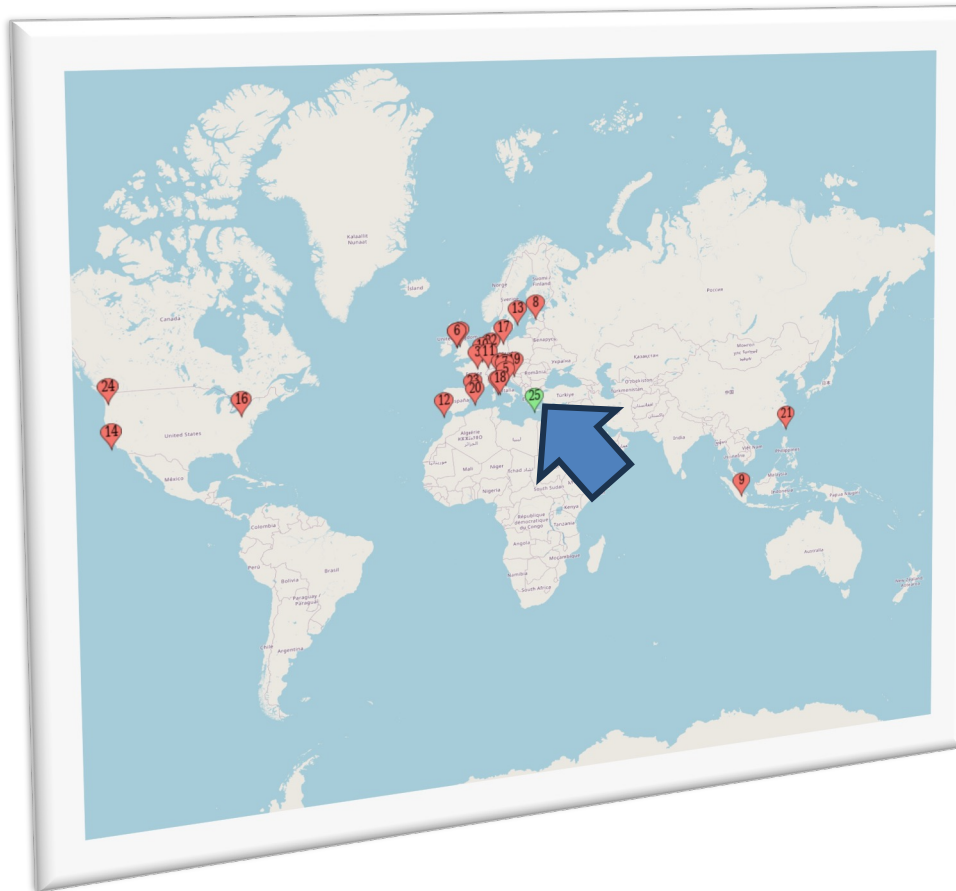
Athens-Greece



Association for
Computing Machinery



SIGCHI
special interest group computer human interaction



The **25th** ACM International Conference
on
Mobile Human-Computer Interaction

1998
-
2023



TECHNICAL PROGRAM

Conference Theme:

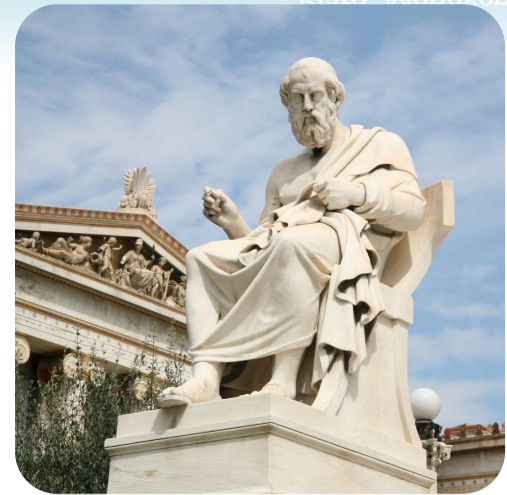
*Beyond morality: Ethics and action
in MobileHCI*

- Papers
- Late-Breaking Work (Posters)
- Demos
- Industrial Perspectives
- Sponsor Perspectives
- Doctoral Consortium
- Workshops and Tutorials
- Keynotes

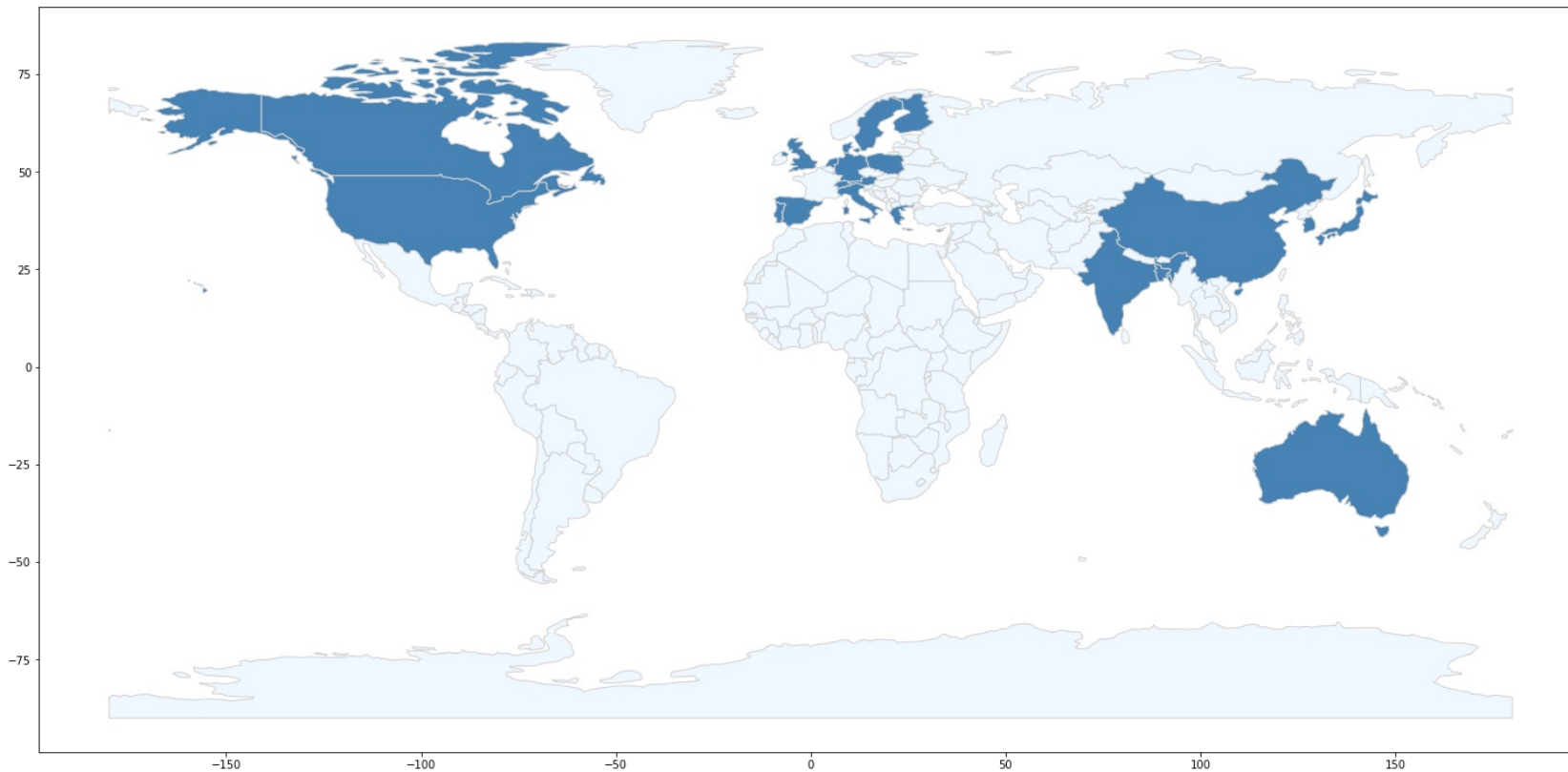
... πᾶσά τε ἐπιστήμη χωριζομένη δικαιοσύνης
καὶ τῆς ἄλλης ἀρετῆς πανουργία, οὐ σοφία φαί-
νεται.

... and all knowledge, when separated from
justice and virtue, is seen to be cunning and not
wisdom.

- Plato, Menexenus 347a



AUTHORS AND COUNTRIES



PACMHCI + Companion

291 Authors

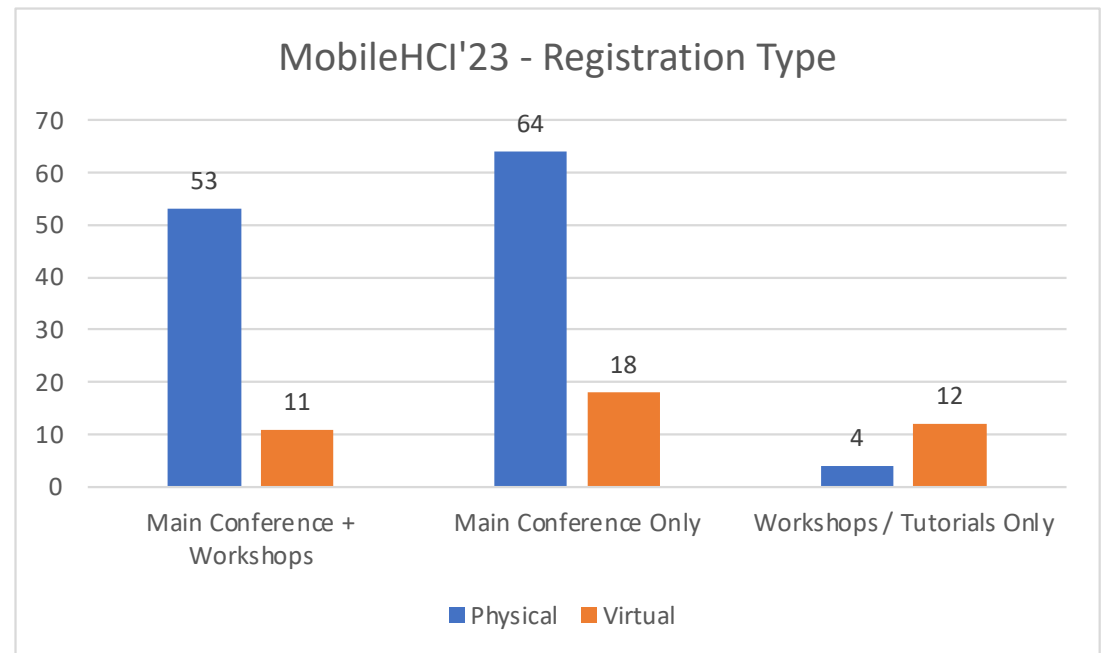
26 Affiliation Countries

106 articles archived in
the DL

20 articles product of
international
collaboration

PARTICIPANTS

- Participant counts:
 - Physical: 122 (75%)
 - Virtual: 41 (25%)
- ACM membership
 - Members: 103 (64%)
 - Non-Members: 59 (36%)
- Status
 - Student: 77 (48%)
 - Non-Student: 85 (52%)



43 persons
14 in original bid
29 recruited through open call



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Local Industry



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Paper Chairs' Welcome



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Full PAPERS (PACMHCI)

- 170 papers before the abstract deadline
- 154 after the final deadline
- 42 of them incomplete
- 2 desk rejects



PEER-REVIEW-PROCESS

- Revise & Resubmit Process
- 2 reviewing rounds
 - Round 1: **Accept, Minor Revision, Major Revision, Reject**
 - Round 2: **Accept** / Reject
 - Camera Ready

Full PAPERS (PACMHCI)

- Round 1:
 - 110 Submissions
 - 10 minor revision
 - 51 major revision
 - 49 rejected
- Round 2:
 - 42 papers accepted (38% acceptance rate)
 - 4 Awards (1 Best paper & 3 Hon. Mentions)
 - Selected by external committee (thank you!)

Further Content



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LBW AND DEMOS

- Late Breaking Works (posters)
 - 51 submissions
 - 23 accepted (45%)
 - 3 Awards (1 best LBW, 2 Hon. Mentions)
- 5 demos (all accepted)
- Poster & Demo Madness
 - Auditorium, TODAY, 10:30-11:00
- Dedicated Session on Posters & Demos
 - 1st Floor Peristyle, TOMORROW, 16:30-17:30
- Posters & Demos during morning coffee-breaks
 - 1st Floor Peristyle, 11:00-11:30

DOCTORAL CONSORTIUM

- Six PhD theses to be presented
 - THURSDAY 28 16:30-18.30, Auditorium
- Hybrid session
 - All welcome to join!

Industry & Sponsor Perspectives

- Industry Perspectives
 - 4 presentations of state-of-the-art research from global industry
 - Thursday 10.00am (Auditorium)
- Sponsor Perspectives
 - 4 presentations of experiences and insights from local industry
 - Friday 10.00am (Auditorium)

WORKSHOPS & TUTORIAL (Yesterday, 26/09)

Workshops:

- Accessibility and Multimodal Interaction Design Approaches in Museums for People with Impairments (half-day)
- Mobility and Utility in Robot Mediated Interaction (half-day)
- The Future of Cognitive Personal Informatics (full-day)
- Advances of Mobile and Wearable Biometrics (half-day)

Tutorial:

- Smartphone based on-device computing for societal applications (half-day)

MobileHCI'23 Proceedings

- **PACM HCI Journal (Papers)**

- Volume 7, Issue MHCI, September 2023, MHCI
- <https://dl.acm.org/toc/pacmhci/2023/7/MHCI>

- **MobileHCI '23 Companion**

<https://dl.acm.org/doi/proceedings/10.1145/3565066>

Practical Info



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HYBRID SUPPORT

Zoom

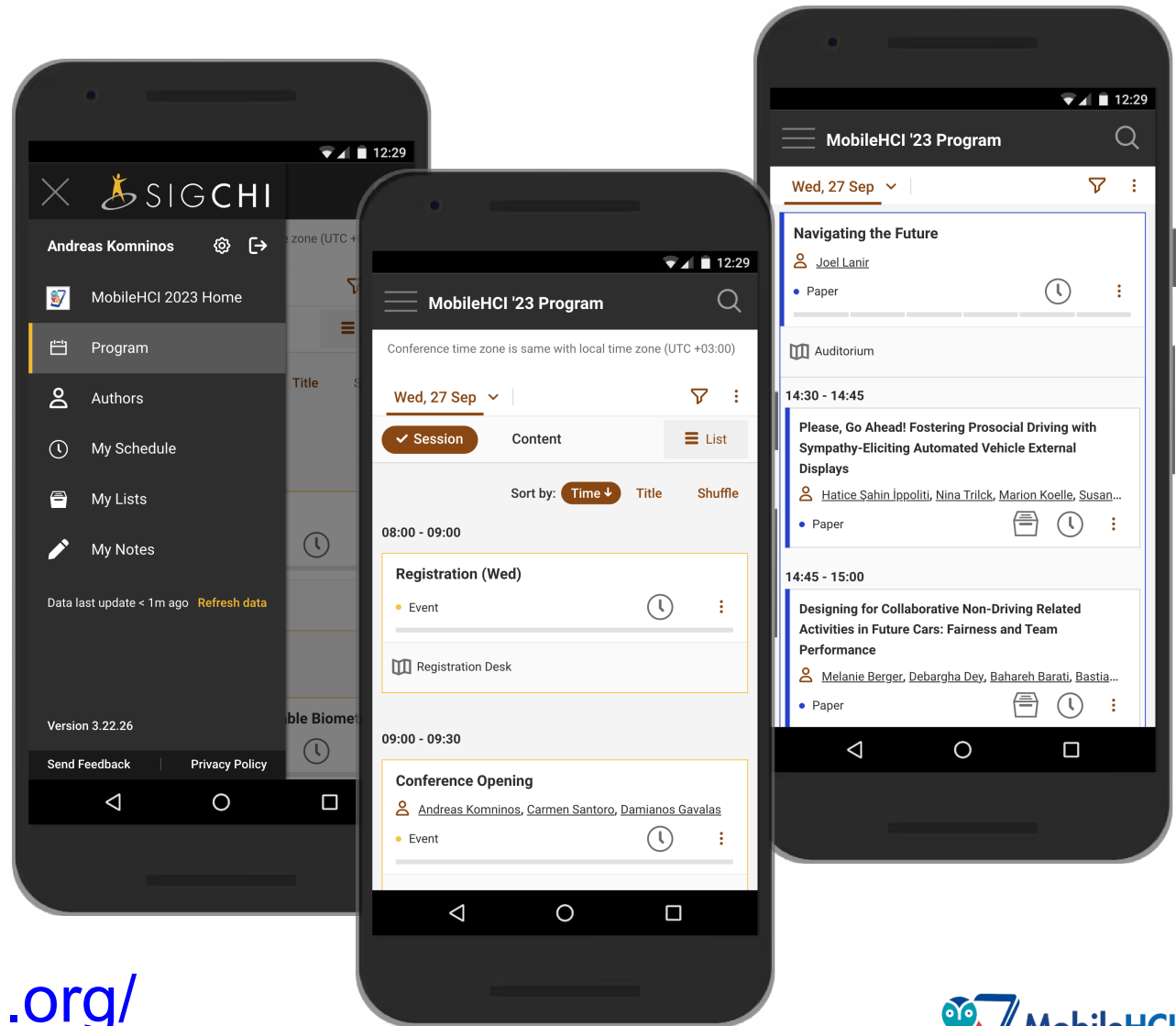
- To stream the presentations
- Please, **no Q&A through Zoom Chat!**

Discord

- A separate channel created for each session
- Used to ask questions and voice-chat with remote participants or presenters

SIGCHI APP

Conference Program and Schedule



<https://programs.sigchi.org/>

Coffee & Lunch

- Coffee break
(+posters/demos)
 - Every day
 - 11:00am, 4:00pm
 - Poster / Demo authors, please be near your work in the AM session.
- Lunch
 - Every day 1.30pm at Faliriotissa Restaurant
 - Your choice of main course



ACM CHIGreece 2023 CO-LOCATION

Local SIGCHI Chapter conference
27-28 September

- Shared with MobileHCI'23
 - Coffee-breaks
 - Demos and posters areas
 - Registration desk
- Feel free to interact with CHIGreece'23 participants and poster/demo authors during breaks!
- Different colour lanyards
- No sneaking into their paper sessions without registration!



Satellite activities

- Athens Audio Walking Guide
 - Free for all participants
 - Use the leaflet QR code (registration desk)
- Acropolis VR Tour (Moptil)
 - Still have places
 - Put your name down at the registration desk (First Come, First Served!)
 - Ticket for the Acropolis required (20€)
- Simulator experience (Pilot Center)
 - 1 free ride at the A320 simulator
 - 1 free ride at the Formula 1 simulator
 - Put your name down to win at the registration desk
 - Lottery draw TODAY lunch-time
 - 20% off for every MobileHCI'23 participant



SOCIAL MEDIA



Facebook:

<https://www.facebook.com/MobileHCI.ACM/>



Twitter (X):

@ACMMobileHCI

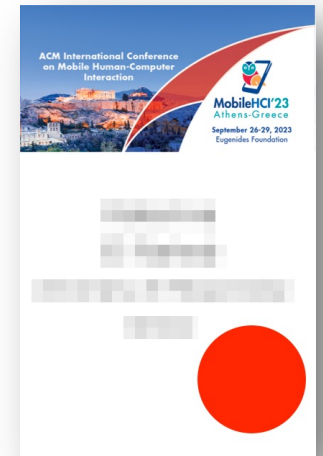
<https://twitter.com/ACMMobileHCI>



YouTube:

ACM SIGCHI YouTube channel:

<https://www.youtube.com/user/acmsigchi>



Pre-recorded videos of presentations (for papers, lbw, demos, industrial perspectives) uploaded on YouTube SIGCHI channel

ACM President's Welcome



Prof. Yannis Ioannidis



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SIGCHI President's Welcome



Dr. Neha Kumar



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Wed. 27th



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KEYNOTES

TODAY
9:30-10:30

Steve Benford
Colliding with Robots



THURSDAY
9:00-10:00

Cosmin Munteanu
Voice Interfaces: Holy Grail
or Pandora's Box?



FRIDAY
9:00-10:00

Maria Roussou
The Mobile as a Probe for
Collocated Sociality in
Cultural Contexts



Technical Program

TODAY

10:30-11:00	Poster & Demo Madness Auditorium
11:00-11:30	Coffee break w/ Posters & Demos 1 st floor Peristyle
11:30-13:30	Session 1 – Blending Realities Auditorium
13:00-14:30	Lunch Faliriotissa
14:30-16:00	Session 2 – Navigating the Future Auditorium
16:00-16:30	Coffee break 1 st floor Peristyle
16:00-18:00	Session 3 – Empathy in Design Auditorium

CONFERENCE RECEPTION

TODAY
18:30-20.00

Planetarium Show
Ground Floor



TODAY
20:00

Welcome Cocktail
2nd floor Peristyle



Lunch Reminder

- Please put down your preference for lunch
- Use the form provided (email)



Thu. 28th



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KEYNOTES

WEDNESDAY
9:30-10:30

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Technical Program

TODAY

10:00-11:00	Industry Perspectives Auditorium		
11:00-11:30	Coffee break w/ Posters & Demos 1 st floor Peristyle		
11:30-13:30	Session 4 – Touch, Gesture, Voice Auditorium		
13:00-14:30	Lunch Faliriotissa		
14:30-16:00	Session 5 – Measuring Success Auditorium		
16:00-16:30	Coffee break 1 st floor Peristyle		
16:00-18:00	Doctoral Consortium Auditorium	16:00-17:00	Dedicated Poster & Demo Sesssion Auditorium
		16:00-18:00	Town Hall 1 st Floor Peristyle

CONFERENCE DINNER

TODAY
20:00

**Royal Olympic Hotel
(Roof Garden)**

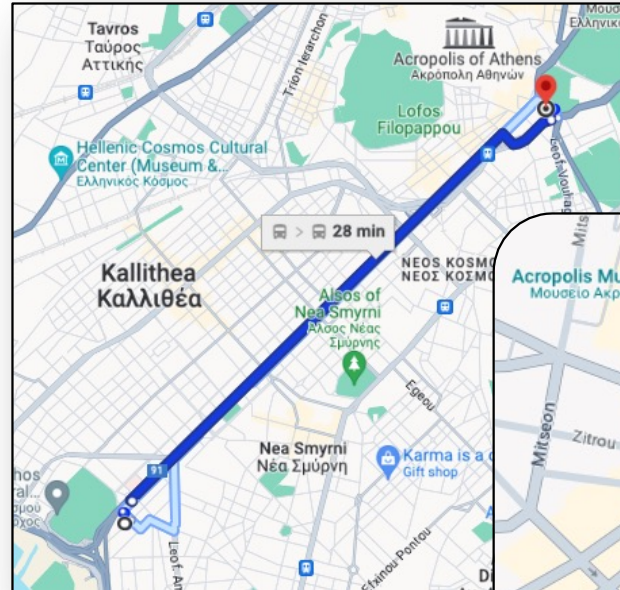


HOW TO REACH THE ROYAL OLYMPIC HOTEL

550 Bus
(24 minutes)

Get on just
outside the
registration desk

Jump off at
Agia Fotini stop



Lunch Reminder

- Please put down your preference for lunch
- Use the form provided (email)



Fri. 29th



MobileHCI'23

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KEYNOTES

WEDNESDAY
9:30-10:30

Steve Benford
Colliding with Robots



THURSDAY
9:00-10:00

Cosmin Munteanu
Voice Interfaces: Holy Grail
or Pandora's Box?



TODAY
9:00-10:00

Maria Roussou
The Mobile as a Probe for
Collocated Sociality in
Cultural Contexts



Technical Program

TODAY

10:00-11:00	Sponsor Perspectives Auditorium
11:00-11:30	Coffee break w/ Posters & Demos 1 st floor Peristyle
11:30-13:30	Session 6 – Crafting Seamless Experiences Auditorium
13:00-14:30	Lunch Faliriotissa
14:30-15:30	Awards & Closing Ceremony Auditorium
16:30-18:00	Acropolis VR Tour Acropolis

Awards & Closing Ceremony

FRIDAY 29
14:30

Auditorium

Awards

Credits

MobileHCI'24 announcement

Awards & Closing



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ORGANIZING COMMITTEE (1 / 4)

- **General Chairs**

- Andreas Komninos (University of Patras, Greece)
- Carmen Santoro (HIS Lab, CNR-ISTI, Pisa, Italy)
- Damianos Gavalas (University of the Aegean, Greece)

- **Paper Chairs**

- Johannes Schöning (Universität St.Gallen, Switzerland)
- Maristella Matera (Politecnico di Milano, Italy)
- Luis A. Leiva (University of Luxembourg, Luxembourg)

- **Late-Breaking Work Chairs**

- Cristina Gena (University of Torino, Italy)
- Sven Mayer (LMU Munich, Germany)
- Alexandra Papoutsaki (Pomona College, USA)

- **Demo Chairs**

- Davide Spano (University of Cagliari, Italy)
- Aakanksha Mirdha (Playground AI, USA)
- Kening Zhu (City University of Hong Kong, China)

ORGANIZING COMMITTEE (2 / 4)

- **Doctoral Consortium Chairs**

- Fabio Paternò (ISTI-CNR, Italy)
- Nikos Avouris (University of Patras, Greece)
- Florian 'Floyd' Mueller (Monash University, Melbourne, Australia)

- **Workshop Chairs**

- Fabrizio Balducci (University of Bari, Italy)
- Luigi De Russis (Politecnico di Torino, Italy)
- Eleonora Mencarini (Bruno Kessler Foundation, Italy)

- **Tutorial Chairs**

- Dimitra Anastasiou (Inst. of Science and Technology, Luxembourg)
- Andrii Matviienko (KTH Royal Institute of Technology, Sweden)
- Chandreyee Chowdhury (Jadavpur University, India)

- **Panel Chairs**

- Joel Lanir (Haifa University, Israel)
- Sayan Sarcar (Birmingham City University, United Kingdom)
- Areti Damala (Hellenic Open University, Greece)

ORGANIZING COMMITTEE (3 / 4)

- **Industrial Perspective Chairs**

- Yung-Ju Chang (National Yang Ming Chiao Tung Univ., Taiwan)
- Ioannis Chatzigiannakis (Sapienza University, Italy)
- Katelynn A. Kapalo (University of Nebraska, USA)

- **Web Chairs**

- Layth Nabeel AlRawi (University of Klagenfurt, Austria)
- Dylan Gaines (Michigan Technological University, USA)

- **Publicity Chairs**

- Sang Ho Yoon (KAIST, Korea)
- Gabriela Vega (Max-Planck Institute for Informatics, Germany)

- **Sponsorship Chairs**

- Tousif Ahmed (Samsung Research America, USA)
- Eleni Voyiatzaki (University of Patras, Greece)
- Zhihan Lv (Uppsala University, Sweden)

ORGANIZING COMMITTEE (4 / 4)

- **Accessibility Chairs**

- Arthur Theil (Birmingham City University, United Kingdom)
- Genovefa Kefalidou (University of Leicester, United Kingdom)

- **Student Volunteer Chairs**

- Evropi Stefanidi (University of Bremen, Germany)
- Uwe Gruenefeld (University of Duisburg-Essen , Germany)
- Michalis Xenos (University of Patras, Greece)

- **Local Arrangements Chairs**

- George Caridakis (University of the Aegean, Greece)
- Theodora Chamaidi (University of the Aegean, Greece)

- **Publication Chairs**

- Fotis Liarokapis (Cyprus University of Technology, Cyprus)
- Gian-Luca Savino (University of St. Gallen, Switzerland)

10-Year Impact Award

Karen Church and Rodrigo di Oliveira

What's up with whatsapp?: comparing mobile instant messaging behaviors with traditional SMS



Presented by: Dr. Marcos Serrano (MobileHCI SC Chair)

Best Paper & Honorary Mentions



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



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

Presented by: Dr. Mark Dunlop, MobileHCI Founding SC member

Late-Breaking Work Awards



Integrating Real-Time Health Status into Everyday Objects: A Design Case Study on Enhancing Diabetic Health Monitoring with Artistic Creations

Hamideh Hosseini Toudeshky and Marta Kersten-Oertel



Exploring Real-Time Collaborative Heart Rate Displays for Cycling Partners

Maedeh Agharazidermani, Lincoln Lu and Kristy Elizabeth Boyer



Attentive Notifications: Minimizing Distractions of Mobile Notifications Through Gaze Tracking

Sebastian Hueber, Eunae Jang and Jan Borchers

Presented by: Prof. Cosmin Munteanu, MobileHCI SC member

Reviewer Recognition

- Special thank you to the **326 persons involved in Reviewing** for MobileHCI'23
 - 47 Papers ACs
 - 12 LBW Acs
 - 269 External Reviewers



- **Distinguished Contribution to Reviewing**
 - **Mark Colley**, Universität Ulm (14 papers as AC, 1 special recognition)



- **Excellence in Reviewing**
 - **Andrii Matvienko**, KTH Royal Institute of Technology (4 papers as AC, 1 LBW ext. review, 2 special recognitions)
 - **Pragma Kar**, Jadavpur University (2 paper ext. review, 2 special recognitions)

Presented by: Andreas Komninos, Carmen Santoro, Damianos Gavalas, MobileHCI'23 GC

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Special Thanks

- Student Volunteers



- All the participants and contributors!



MobileHCI'24

Thank you!



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