

# Mobile HCI 2017

## Foreword

The Mobile HCI Conference Series has shaped research, development and practice in mobile devices and services for nearly two decades. In 2017, the conference forged a set of new agendas for the decades to come, in a city, that like the conference series, has a rich past and a thirst for the future: Vienna.

With the coming of autonomous vehicles; drones; wearables and implantables; and an ecology of embedded devices and services in the everyday environment, there has never been a more exciting and pressing time to debate and explore what digital mobility means *and* how to put human capability and intelligence at the heart of it.

224 papers were submitted and 20% of these were selected for inclusion in the program. The process involved peer review and a Program Committee meeting at UCL, London in March 2017. Reviewers and the Program Committee members were leading experts in the field and we are very grateful for their work. In addition, the conference included two keynotes, late breaking work, demos, a debate on the future of autonomous vehicles, industrial perspectives, a doctoral consortium, workshops and tutorials. Work for these tracks were selected by peer review; invitation; or were curated.

Mobile HCI brings together people from diverse perspectives in a multidisciplinary forum for academics, hardware and software developers, designers and practitioners to discuss the challenges and potential solutions for effective interaction with and through mobile devices, applications, and services. We were delighted this year to see a strong participation and attendance by globally leading tech companies. At the conference, these attendees heard from world-leading groups; saw, touched and felt the future via demos of new mobile user experiences; they were inspired by industry and academic thought-leaders; and still had time to network and form future collaborations.

We would like to thank our organising committee, all volunteers, who made this conference possible. In addition, we acknowledge the support of our sponsors and supporters: The Computational Foundry (Benefactor); and, Google and Microsoft (Donor); ACM Sig CHI; Center for Human-Computer Interaction University of Salzburg; Austrian Institute of Technology; and, the Future Interaction Technology Lab.

*General Chairs:*

Matt Jones  
Swansea University

Manfred Tscheligi  
University of Salzburg and AIT

*Programme Chairs:*

Yvonne Rogers,  
UCL

Roderick Murray-Smith  
University of Glasgow

## **Organising Committee**

### *Workshop Chairs*

Simon Robinson  
Swansea University

Julie Williamson  
University of Glasgow

### *Special Area Chairs*

Internet of Things Chair: Scott  
Jenson  
Google

Autonomous Vehicles: Albrecht  
Schmidt  
University of Stuttgart

### *Demo Chairs*

Markus Löchtefeld  
Aalborg University

Cosmin Munteanu  
University of Toronto Mississauga

### *Tutorial Chairs*

Katrin Wolf  
Hamburg University of Applied  
Science

Daniel Ashbrook  
Rochester Institute of Technology

### *Late Breaking Results Chairs*

Thomas Reitmaier  
Swansea University

Paweł Woźniak  
Univeristy of Stuttgart

### *Industry Perspectives Chairs*

Nitendra Rajput  
IBM

Marc Busch  
AIT

### *Doctoral Consortium Chairs*

Céline Coutrix  
CNRS and University of Stuttgart

Jennifer Pearson  
Swansea University

Andrés Lucero  
Aalto University

### *Web and Social Media Chairs*

Timothy Neate  
Swansea University

Cameron Steer  
Swansea University

### *Local Organisation Chairs*

Peter Fröhlich  
AIT

Georg Regal  
AIT

Katja Neureiter  
University of Salzburg

### *Student Volunteer Chair*

Mark A. Kramer  
University of Salzburg

### *Student Design Competition Chair*

Alexander Meschtscherjakov  
University of Salzburg

*Publications Chairs*

Andreas Sackl  
AIT

Michaela Reisinger  
AIT

Peter Fröhlich  
AIT

Richard Harper (University of  
Lancaster)

Niels Henze (University of Stuttgart)

Otmar Hilliges (ETH Zurich)

Steven Houben (University of  
Lancaster)

Anirudha Joshi (IIT-B)

**Programme Committee Members**

Lynne Baillie (Heriot-Watt  
University)

Frank Bentley (Yahoo)

Joanna Bergström-Lehtovirta  
(Copenhagen University)

Jon Bird (City University, London)

Stefano Burigat (University of  
Udine)

Keith Cheverst (University of  
Lancaster)

Kay Connelly (Indiana University)

Alexander De Luca (Google,  
Switzerland)

Anna Feit (Aalto University)

Joel Fischer (University of  
Nottingham)

Sarah Gallacher (UCL)

Hans Gellersen (University of  
Lancaster)

Jonna Häkkinen (University of  
Lapland)

Sven Kratz (FX Palo Alto Laboratory,  
USA)

Per Ola Kristensson (University of  
Cambridge)

Janne Lindqvist (Rutgers University)

Andres Lucero (Aalto University)

Rainer Malaka (Bremen University)

Mirco Musolesi (University College  
London)

Nuno Jardim Nunes (University of  
Madeira)

Nuria Oliver (Telefonica Research)

Roman Radle (Aarhus University)

Simon Robinson (Swansea  
University)

Michael Rohs (University of  
Hannover)

Anne Roudaut (University of Bristol)

Enrico Rukzio (University of Ulm,  
Germany)

Johannes Schoening (University of  
Bremen)

Junehwan Song (KAIST)

John Williamson (University of  
Glasgow)

Jennifer Pearson (Swansea  
University)

Chuang-Wen You (NTU IoX center,  
Taiwan)