

Call for Papers for International Journal of Human-Computer Interaction (IJHCI) Special Issue on Mobile HCI

Guest Editors

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Aims and Scope of the Special Issue

Mobile and wearable devices (e.g., smartphones, FitBit, AppleWatch) are among the most transformative technologies that have created a rapid worldwide impact on almost every aspect of our social and working life due to their ubiquity, pervasiveness, and portability. The built-in (e.g., accelerometers, gyroscopes, and ambient lighting sensors) and external sensors have further increased the variety of interaction possibilities, such as gestural interaction. Mobile and wearable devices are creating new ways of conducting business, computation, and health management, and transforming how we communicate, interact, and entertain. There have been countless mobile applications developed and deployed in the past few years, which are subject to a variety of usability, accessibility, and interaction challenges.

This special issue is aimed to bring together the significant, cutting-edge research findings and best practices in the field of mobile HCI and build a bridge from current and emerging research to the future. It covers HCI issues in the design, implementation, evaluation, and use of innovative mobile, handheld, and wearable devices, techniques, and applications. The relevant topics may include, but are not limited to, the following:

- Usability of mobile applications and mobile user experience
- Mobile accessibility and assistive technologies
- Context-aware/context-sensitive mobile application design, evaluation, and use
- Adaptive mobile user interfaces
- Multi-modal interaction technologies for mobile devices
- Design, evaluation, and use of m-Health interventions or applications
- Development of mobile usability guidelines
- Mobile collocated interactions with wearables
- Mobile learning and educational mobile HCI

- Mobile applications in smart city environments
- Privacy, security, trust, and ethical issues in mobile commerce
- Emerging interaction technologies for mobile devices
- Mobile cognition – using mobile devices to enhance human cognition
- Acceptance and adoption of mobile and ubiquitous technologies

Manuscript Preparation Along with Optional Abstract Submission

Please refer to the “Instructions for authors” section on the website of IJHCI

(<http://www.tandfonline.com/action/authorSubmission?journalCode=hihc20&page=instructions#.VnxZzvkrKUK>) for preparation of your manuscript for the special issue.

All manuscripts (i.e., full papers) should be submitted via the IJHCI Editorial Manager at <http://www.editorialmanager.com/ijhc/default.aspx>. When asked to "Choose Article Type", please select “Special Issue Article” and when asked to “Select Section/Category”, please choose "Mobile HCI". Please follow the above steps to ensure that your manuscript is processed as a submission to this special issue.

Abstract submissions are highly recommended prior to full paper submissions. Please email the abstract submissions to the guest editors (na hf@mst.edu, krogstie@idi.ntnu.no, zhangd@umbc.edu, zhaosd@comp.nus.edu.sg) for initial feedback and use the subject: “IJHCI SI abstract submission” for the email.

Important Dates

Abstract submission due date (optional but recommended):	May 1, 2016 (early abstract submission is encouraged)
Full paper submission due date:	June 10, 2016
Notification of the first round review decision:	August 15, 2016
Revisions due date:	October 15, 2016
Editorial decision:	November 1, 2016
Targeted special issue publication date:	January, 2017

If you have any question about the special issue, please feel free to contact any of the guest editors listed above.