

Springer  
International Journal  
Universal Access in the Information Society  
UAIS

<http://www.springer.com/computer/hci/journal/10209>

Call for Articles

Special Issue “Distributed User Interfaces: Distributing Interactions to Facilitate Universal Access”

**Guest Editors:**

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**Aims and scope of this special issue**

This Special Issue is focused on Distributing Interactions to Facilitate Universal Access. Current technology and ICT models generate configurations where the same user interface can be distributed through different devices. These new technological ecosystems appear as a result of the existence of many heterogeneous devices and interaction mechanisms. Consequently, new conditions and possibilities arise which not only affects the distribution of the user interfaces (DUI), but also the distribution of the involved users' interactions. Thus, we move the focus from addressing the distribution of user interfaces to the distribution of the users' interactions, which poses new challenges that deserve to be explored.

The Special Issue solicits contributions addressing the accessibility, usability, and universal acceptability of DUI-based interactions.

The contributions may discuss aspects related to new interaction paradigms such as movement-based interaction, speech recognition, gestures, touch and tangible interaction, etc., and the way we can manage them in a distributed setting.

This special issue will focus on research work on the design, development, evaluation, and use of distributed user interfaces for facilitating universal access.

Contributions are solicited in, but not limited to, the following topics:

- Distributed Interactions, Cross-device Interaction and Multi-device Environments
- UX in Distributed Settings
- Accessible Multimodal Applications
- Distributable Web Applications and Web-based Interactions and Accessibility
- Mobile Devices, Distribution and Accessibility
- Movement-based Interaction to Facilitate Universal Access
- Internet of Things (IoT), Tangible User Interfaces and Accessibility
- Human Factors in DUI

**Important dates**

- Deadline for submissions: September 30<sup>th</sup>, 2016
- Notifications of acceptance: November 15<sup>th</sup>, 2016
- Deadline for improved manuscripts: December 15<sup>th</sup>, 2016
- Deadline for submission of camera-ready version of accepted papers: January 31<sup>st</sup>, 2017

Authors should submit their manuscripts electronically as PDF files through the Springer Editorial Management System available at <https://www.editorialmanager.com/uais/default.aspx>. When submitting, please make sure to indicate the Special Issue "Distributed User Interfaces: Distributing Interactions to Facilitate Universal Access".

- Please, refer to the "Instructions to authors" section on the Website of the UAIS Journal [<http://www.springer.com/computer/hci/journal/10209>].

### **Reviewing process**

All manuscripts will be peer reviewed by three reviewers, experts in the field, appointed by the Guest Editors of the issue in consultation with the Editor-in-Chief of the Journal.

### **Copyright information**

Submission of an article implies that:

- the work described has not been published before, except in form of an abstract or as part of a published lecture, review, or thesis; or it contains a substantial improvement from a previous publication (e.g., in a workshop or conference)
- it is not under consideration for publication elsewhere

For further information, please, refer to the "Copyright information" section on the Website of the UAIS Journal [<http://www.springer.com/computer/hci/journal/10209#>]

### **About the UAIS Journal**

The UAIS Journal solicits original research contributions addressing the accessibility, usability and acceptability of Information Society Technologies by anyone, anywhere, at anytime, and through any media and device. Universal access refers to the systematic effort to proactively apply principles, methods and tools of universal design, in order to develop Information Society Technologies, which are accessible and usable by all citizens.

The Journal's unique focus is on theoretical, methodological, and empirical research, of both technological and non-technological nature, that addresses equitable access and active participation of potentially all citizens in the Information Society.

In 2011 Springer UAIS journal was accepted by ISI.

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