

Special Issue on
**Mobile and Pervasive Assistive
Technologies**

CALL FOR PAPERS

According to the World Health Organization, more than 1 billion people live with some form of disability. Mobile devices are rapidly becoming platforms of choice for developing the state-of-the-art assistive technologies to improve the quality of life of those people. Indeed, such devices can be used on the move, they equip cutting edge sensors and actuators, and they are capable of maintaining persistent connectivity. They are also compact, widespread, and socially acceptable and therefore well suited to provide assistance everywhere and at all times. These qualities have been leveraged to achieve ubiquitous assistance for everyday activities such as mobility, information access, and interaction with the environment or with other people.

This special issue welcomes original research in the field of wireless communications and mobile computing, aimed at advancing the state of the art in assistive technologies for people with disabilities. In particular, we encourage submissions that explore the usage of novel sensors and actuators, wearable, pervasive, and embodied devices, and interfaces to enable the interaction of users with such devices. We also welcome contributions that explore how novel advances in wireless communications, network protocols, edge computing, and the interplay of IoT devices can improve and influence assistive technologies.

Potential topics include but are not limited to the following:

- ▶ Assistive technologies using mobile, wearable, and pervasive devices
- ▶ Wireless, distributed, and IoT-driven assistive technologies
- ▶ Smart homes, domotics, and smart cities for people with disabilities
- ▶ Accessibility of mobile and pervasive devices
- ▶ Mobile interaction techniques for individuals with disabilities
- ▶ Rehabilitation using mobile and pervasive devices
- ▶ Human factors in mobile assistive technologies design and evaluation
- ▶ Remote assistance and crowdsourced mobile assistive technologies
- ▶ Social aspects related to mobile accessibility and assistive technologies

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/wcmc/mopa/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Dragan Ahmetovic, University of Turin,
Turin, Italy
ahmetovic.dragan@gmail.com

Guest Editors

João Guerreiro, Carnegie Mellon
University, Pittsburgh, USA
jpguerreiro@cmu.edu

Hernisa Kacorri, University of
Maryland, College Park, USA
hernisa@umd.edu

Sergio Mascetti, University of Milan,
Milan, Italy
mascetti@di.unimi.it

Submission Deadline

Friday, 18 January 2019

Publication Date

June 2019