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Smart Devices Interaction

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Message from the Guest Editors

Dear Colleagues,

In about one decade, mobile phones have emerged to become smart everyday companions equipped with high-resolution cameras and displays, wireless high-speed connections and a variety of built-in sensors. Since then, our way to interact with mobile and wearable devices has been changing tremendously: Instead of pressing hardware keys, we unlock our devices by looking at them, we ask virtual mobile assistants for help, we explore our immediate surroundings by gazing through smartphones and dataglasses and we pay with smartphones by touching payment terminals.

This special issue is focused on the next generation of interactions with smart devices. Its goal is to explore and evaluate novel interaction techniques and interactive services for modern mobile and wearable devices. We encourage authors to submit original research articles as well as surveys. We are interested in experiences gained during designing, prototyping and evaluating such novel interactions in lab and field studies.

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