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Digital Health Applications of Ubiquitous HCI Research

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Message from the Guest Editors

This special issue focuses on the following but non-limiting list of topics:

- (1) Information visualization and presentation in mobile and wearable health applications;
- (2) Attention, interruption, incentivization and reminders in mobile healthcare systems;
- (3) Multimodal interaction with ubiquitous healthcare systems, including whole-body, physical gesture, tactile, tangible, audio and speech interfaces;
- (4) Interacting with Augmented and Virtual Reality (AR/VR) applications in healthcare settings;
- (5) Human-robot and human-AI interaction for healthcare and wellbeing;
- (6) Managing trust and credibility of the information shared between users, systems and clinicians;
- (7) Methods and tools for requirement elicitation, UX and system co-design or multidisciplinary collaboration in the development of mobile healthcare applications;
- (8) Methodologies, protocols, tools and best practices in organising and conducting laboratory and field studies of mobile health applications;
- (9) Usability studies of mobile health systems with special population target groups.



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Special Issue