

Mobile and Embedded Interactive Systems (MEIS'08)

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MEIS'08 is the successor of the MEIS'06 workshop at Informatik 2006. The workshop seeks to bring together researchers and practitioners from academia and industry who are concerned with envisioning, creating and implementing mobile and embedded interactive systems. Interaction with mobile devices and embedded systems has become a part of everyday life. As mobile devices get more complex and embedded systems consist of different components that are networked the creation of usable interactive software poses many new challenges. Issues arise from emerging novel paradigms in user interfaces. In particular tangible interaction, device and interfaces ecologies, and implicit interaction create new requirements for user centered design and system development.

MEIS'08 represents work on the following topics:

- novel tangible user interfaces and interaction metaphors
- new interaction techniques for mobile and embedded interactive systems
- new interface technologies and concepts
- sensing and actuator technologies for mobile and embedded interactive systems
- camera-based mobile interaction techniques
- ad-hoc interaction with embedded systems via handheld devices
- methods, models, and design principles for emerging user interfaces
- prototyping mobile and embedded interactive systems
- experience reports on building, using, and deploying mobile and embedded interactive systems

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