

Special Issue

Context-Aware Computing Based on Mobile Sensing

Message from the Guest Editors

Recent advancements in mobile and ubiquitous computing have enabled the development of novel, context-aware computing applications. Additionally, the fusion of inexpensive and widely available hardware with advances in artificial intelligence have made practical context-aware computing widely accessible, e.g., in the form of intelligent assistants, smart thermostats, and mobile app-embedded functionality. This Special Issue examines the state of the art in context-aware computing and also takes a look into the future, focusing on technologies and applications that are envisioned to advance the sector even further.

- context-aware
- context-awareness
- mobile computing
- ubiquitous computing
- context recognition
- context sensing
- context processing
- context prediction
- context-aware applications

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