Context Awareness

Guest Editor:

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Deadline for manuscript
submissions:
closed (15 January 2018)

Message from the Guest Editor

Dear Colleagues,

Context-awareness is a fundamental ingredient of pervasive computing. Unfortunately, in most today's applications, adaptation features are limited to considering location, profile and preferences, disregarding key data such as activities, mood, and social context. Hence, a hot research topic is devising methods to exploit the recent advancements in sensor miniaturization and integration, as well as other information sources, for capturing and predicting a comprehensive picture of the user's context. Moreover, acquiring and analysing user's context data determines several issues in terms of security, privacy, trust and ethics.
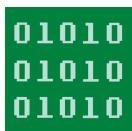
The purpose of this Special Issue is to collect high quality research outcomes, which may advance the state of the art in context-awareness.

Topics of interest include, but are not limited to:

- Context representation and reasoning
- Context-aware adaptation
- Context-aware HCI
- Security, privacy and trust in context-aware computing

Prof. Daniele Riboni
Guest Editor

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

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