electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 6.1

Context-Aware Computing and Smart Recommender Systems in the IoT

Guest Editors:

Dr. Marco Lombardi

Dr. Domenico Santaniello

Dr. Zilu Liang

Dr. Muhammad Khan

Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editors

Context-aware computing describes the development of technologies and applications that can detect data from the surrounding environment and react accordingly with specific actions, reducing and simplifying the human–machine interaction process.

Context changes result in a transformation of the user experience. For this reason, context-aware computing has played a key role in addressing this challenge in previous paradigms, such as mobile and pervasive computing, and is playing a crucial role in the Internet of Things (IoT) paradigm. Indeed, thanks to new technologies, a user can access large amounts of content and services with different purposes and requirements in each *context*. In this scenario, the need arises for recommendation systems that consider users' personal preferences and all the contextual aspects to recommend the right services and contents at a specific time.

Keywords

- context-aware computing
- recommender systems
- Internet of Things
- smart environments
- big data
- ubiquitous computing
- wearable computing
- activity recognition

electronics

IMPACT FACTOR 2.6

CITESCORE 6.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI