Special Issue

Artificial Intelligence and Ambient Intelligence

Message from the Guest Editors

Ambient intelligence (Aml) and artificial intelligence (Al) both rely on Al methods applied to computing devices. Furthermore, their power stems from the same advancement of electronics, sensors, and software development. Yet, Aml is not just an Al application serving humans, and by its definition it is even more aligned to interactions with humans. Be it smart home or autonomous car, it is essential for the Aml system to be familiar with the user's desired performance as well as the current state of the mind. As such, the human-system relation is of a predominant importance, and it represents one of the most fruitful, but often neglected fields of research for Al.

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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.

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