Special Issue

Advances in Embedded Deep Learning Systems

Message from the Guest Editors

The rapid evolution of Artificial Intelligence and Deep Learning-based methods has become the driving factor behind the current technological evolution. Novel models are continuously introduced and refined to provide high accuracy, while enabling an ever-growing range of applications. The purpose of this Special Issue is to invite contributors to present their novel achievements on topics of interest that may include, but are not limited to:

- Edge-based deep learning applications for IoT and Industry 4.0
- Software-level accelerators for DL models in IoT applications
- Hardware-level accelerators for DL models in IoT applications
- Energy efficiency in DL embedded systems
- DL-driven cyber–physical systems
- Offloading strategies for efficient and high-performance DL
- Real-time embedded DL applications
- Security and privacy in DL-based smart sensor node

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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