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Advances in Embedded Deep Learning Systems

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Deadline for manuscript submissions:
closed (20 April 2024)

Message from the Guest Editors

Dear Colleagues,

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

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Journal Rank: JCR - Q2(*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

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