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## Computing Systems for Embedded Deep Learning

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Deadline for manuscript  
submissions:

**closed (20 March 2024)**

### Message from the Guest Editors

This Special Issue aims to collect recent research with a focus on deploying DNNs in embedded computing systems. Potential topics include, but are not limited to:

- DNN models for embedded systems;
- Optimization of DNN models for embedded computing;
- Quantization and sparsification of DNN models;
- Implementation of DNN in embedded GPUs;
- Implementation of DNN in low-cost computing platforms;
- Reconfigurable architectures for DNN in embedded systems;
- Very low-power embedded platforms for DNNs;
- Coarse-grained reconfigurable architectures for embedded deep learning;
- Design methodologies for DNN on embedded systems;
- Design of DNN for IoT devices;
- Software tools to help design smart embedded systems;
- Applications of DNN on health, smart homes, smart cities, security, surveillance, etc.;
- Smart embedded systems for industrial IoT;
- Designing DNN for robotics.



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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Future Internet* is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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