



## Convolutional Neural Network Design and Hardware Implementation for Real-Time Vision Applications

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Deadline for manuscript  
submissions:

**closed (31 October 2019)**

### Message from the Guest Editor

General topics covered in this Special Issue include, but are not limited to:

- FPGA-based hardware acceleration of vision algorithms;
- GPU-based acceleration of vision algorithms;
- Embedded vision sensors for applications that require real-time performance;
- CNN architecture optimizations for real-time performance;
- CNN acceleration through approximate computing;
- GPU-based implementations for real-time CNN performance;
- FPGA-based implementations for real-time CNN performance;
- Real-time CNN performance on resource limited systems;
- CNN applications that require real-time performance;
- Tradeoff analysis between speed and accuracy in CNNs.

Welcome to contribute!





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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