Special Issue

Deep Learning for Bio-Engineering Applications in Automotive Field

Message from the Guest Editor

This Special Issue welcomes submissions from all areas of the automotive field:

- Deep learning systems for automotive applications
- Self-attention deep networks for signal and vision applications in automotives
- Embedded platforms for hosting deep learning algorithms for automotive applications
- Car driver profiling with deep learning
- Car driver drowsiness monitoring with deep learning in embedded systems
- Deep learning software and embedded microcontrollers for autonomous driving and assisted driving applications
- Deep Learning systems for real-time automotive applications
- Deep learning for improving SiC- and GaN-based solutions in electric cars
- Advanced deep learning systems for automotive sensing
- Advanced embedded platforms for hosting deep learning applications for ADAS applications
- Automotive-embedded deep learning
- Bio-inspired deep architectures for automotive applications
- Bio-inspired embedded systems for autonomous driving and assisted driving applications
- Bionic eyes platform (hardware and software) for safe and assisted driving
- Bio-inspired embedded infrastructure for secure communication between vehicles.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2021)

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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