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Deep Learning for Bio-Engineering Applications in Automotive Field

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 May 2021)

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.



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Message from the Editor-in-Chief

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