Special Issue

Deep Learning Techniques for Manned and Unmanned Ground, Aerial and Marine Vehicles

Message from the Guest Editors

The purpose of this Special Issue is to report recent applications of deep learning approaches in manned and unmanned ground, aerial, and marine vehicles. Topics include but are not limited to:

- Cognitive data collection;
- Data cleansing;
- Data compression;
- Multisensor data fusion;
- Vehicle localization;
- Perception systems;
- AI for automation systems;
- Object detection, localization, and tracking;
- Situation awareness;
- Vehicle control;
- Autonomous vehicles;
- Connected vehicles;
- Self-driving cars;
- Generative adversarial networks (GANs);
- Collective intelligence;
- Multiagent systems;
- Platooning, flocking, and self-organization;
- Applications: unmanned aerial vehicles (UAVs), unmanned ground vehicles (UGVs), unmanned underwater vehicles (UUVs), and unmanned surface vehicles (USVs), self-driving cars, delivery robots, search and rescue, reconnaissance, surveillance, swarm robotics, etc.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2022)

Electronics

About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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