Computer Vision Applications for Autonomous Vehicles

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submissions:
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Message from the Guest Editors

Computer vision (CV) methods are extensively utilized by engineers to address a variety of practical vision challenges. We urge researchers to share their experimental and theoretical findings, focusing on the practical application of CV techniques to autonomous vehicles such as cars, drones, robots, and more across all scientific and engineering domains. Papers submitted should highlight innovative applications of CV in real-world engineering contexts related to autonomous vehicles. There are no limitations on paper length. If electronic files or software detailing calculations or experimental processes cannot be conventionally published, they can be provided as supplementary digital content.

The focal points of this Special Issue include but are not limited to innovative applications of:

- Image and video interpretation;
- Video analysis and captioning;
- Image retrieval;
- Image enhancement;
- Vision-based robotics;
- Sensor fusion;
- Multimedia;
- 3D reconstruction and localization;
- Object detection and tracking;
- Event prediction.

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Special Issue

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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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