

Special Issue

Object Detection, Segmentation and Categorization in Artificial Intelligence

Message from the Guest Editors

Object detection, segmentation and categorization are the core tasks of artificial intelligence in applications such as image understanding, remote sensing image intelligent interpretation, medical image analysis, augmented reality, object recognition and tracking, object retrieval, video surveillance and autonomous vehicles. This Special Issue aims to gather papers presenting recent advances in object detection, segmentation and categorization with novel and impactful applications. Topics of interest include, but are not limited to:

- Machine learning for object detection, segmentation and categorization;
- Multiobjective or multitask optimization for object detection, segmentation and categorization;
- Object detection, segmentation and categorization based on evolutionary computation;
- Remote sensing/ teaching image object detection, segmentation and categorization;
- Medical image segmentation and categorization;
- Underwater target detection, identification and tracking;
- Ocean acoustic remote sensing;
- Sensor signal detection, identification and categorization.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2024)



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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.

Editor-in-Chief

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