Special Issue

Machine Learning in Robust Object Detection and Tracking

Message from the Guest Editor

The rapid development of deep learning techniques, visual detection and tracking has led to significant progress being made in the accuracy on diverse benchmarks. However, due to the complex situations in the real world (e.g., degradations caused by scene variations and sensor noises), existing detection and tracking methods usually run into problems and cannot achieve similar accuracies on the benchmarks. As a result, a series of works are developed to alleviate the robustness issues of the state-of-the-art detection and tracking methods. This Special Issue aims to gather the recent developments of machine learning techniques to address the robustness issues in the real world and to provide researchers around the world with an opportunity to present state-of-the-art results as well as literature reviews.

Guest Editor

Dr. Qing Guo

1. Center for Frontier AI Research (CFAR), Agency for Science, Technology, and Research (A*STAR), Singapore 138632, Singapore
2. Electrical and Computer Engineering, National University of Singapore, Singapore 117583, Singapore

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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