Special Issue

Multi-Modal Learning for Multimedia Data Analysis and Applications

Message from the Guest Editors

The advance of data collection, transmission and storage has generated the explosive growth of multi-source, multi-view, or multi-modal multimedia data. Face image, fingerprint, palm print, and iris have been used for face recognition. Object tracking exploits RGB images, pseudo depth images and thermal infrared images to improve reliability and accuracy of autonomous driving systems. This special issue seeks the latest advances towards novel theory, architecture and algorithm design in multi-modal data analysis for pattern recognition, computer vision, and their novel applications. We hope these advances can improve the accuracy, robustness, and efficiency of multi-modal data analysis. The following lists contain topics of interest (but not limited to):

- Novel multi-modal learning for multimedia applications
- Novel multi-modal learning theories
- Optimization for multi-modal multimedia data analysis techniques
- Fast solvers for large-scale multi-modal data
- Incomplete multi-modal learning methods
- Unsupervised/semi-supervised multi-modal learning methods
- Deep multi-modal learning methods
- Incorporating new mathematical techniques in multi-modal data analysis

Guest Editors

Dr. Yongyong Chen

School of Computer Science and Technology, Harbin Institute of Technology (Shenzhen), Shenzhen 518055, China

Dr. Yongqiang Tang

Research Center of Precision Sensing and Control, Institute of Automation, Chinese Academy of Sciences, Beijing 100190, China

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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

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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