

## Special Issue

# Biomedical Image Processing and Classification

### Message from the Guest Editor

Biomedical image processing is an interdisciplinary field that spreads its foundations throughout a variety of disciplines, including electronic engineering, computer science, physics, mathematics, physiology, and medicine. Biomedical image processing is finding an increasing number of important applications. If associated with classification methods, it can support the development of computer-aided diagnosis (CAD) systems, e.g., for the identification of a diseased tissue or a specific lesion or malformation.

The aim of this Special Issue is to collect high-quality works that document a wide range of image processing applications to biomedical problems. Topics of interest include (but are not limited to) image enhancement, registration, segmentation, restoration, compression, and movement tracking, with the aim of identifying tissue properties or the pathology of a patient.

- Image registration
- Image segmentation
- Motion tracking
- Computer-added diagnosis
- Deep learning
- Machine learning and classification
- Patient-specific diagnosis

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### Guest Editor

Dr. Luca Mesin

Department of Electronics and Telecommunications, Polytechnic University of Turin, 10129 Turin, Italy

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### Deadline for manuscript submissions

closed (15 September 2020)



## Electronics

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*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di  
Torino, 10129 Torino, Italy

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