

## Special Issue

# Computational Intelligence in Data Fusion and Image Analysis

### Message from the Guest Editors

Recent years have demonstrated the importance of computational power in developing science and technology. This influence was even more clearly visible in the last decade, as the effectiveness of computational hardware such as graphical processing units (GPUs) has increased enormously. The most vivid example is the recent progress in artificial intelligence and machine learning, especially in the field of deep learning. The computational power of modern GPUs has enabled the training of deep neural networks in sensible amounts of time. As a consequence, difficult tasks such as image understanding, speech recognition, and natural language processing became accessible for machines, reaching a beyond-human level in some cases. These kinds of tasks can often positively affect important aspects of human lives, such as in medicine. The aim of this Special Issue is to consolidate research efforts towards improving computational intelligence algorithms used for complex data of various kinds, with emphasis on data fusion and image analysis tasks. Link: <https://www.mdpi.com/si/96964>

### Guest Editors

Prof. Dr. Paweł Pławiak

Department of Computer Science, Faculty of Computer Science and Telecommunications, Cracow University of Technology, Warszawska 24, 31-155 Krakow, Poland

Dr. Maciej Jaworski

Department of Computer Science, Faculty of Computer Science and Telecommunications, Cracow University of Technology, Warszawska, Krakow, Poland

### Deadline for manuscript submissions

closed (30 June 2022)



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

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### 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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