



## Trends in Machine Learning for Visual Computing

Guest Editor:

**Prof. Dr. George A. Papakostas**

MLV Research Group,  
Department of Computer  
Science, International Hellenic  
University, 65404 Kavala, Greece

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### Message from the Guest Editor

Dear Colleagues,

As we are converging towards the Industry 4.0 framework, the applications involving smart devices with vision capabilities are increasing rapidly. In addition to Industry 4.0, all devices requiring intelligent applications are also welcome. Those devices are making use of emerged machine learning algorithms, which analyze the visual content of real scenes in a variety of environments. In this context, modern vision devices, e.g., cameras, microscopes, etc., are able to capture high resolution images and to provide vast information that needs to be analyzed in real-time for commercial and scientific purposes. This Special Issue aims to record recent trends in the machine learning research field where the data source is any kind of vision device.

Prof. Dr. George A. Papakostas  
*Guest Editor*





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## Editor-in-Chief

### Prof. Dr. Raimondo Schettini

Department of Informatics,  
Systems and Communication,  
University of Milano-Bicocca,  
viale Sarca, 336, 20126 Milan, Italy

## Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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*Journal of Imaging* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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