Special Issue

Trends in Machine Learning for Visual Computing

Message from the Guest Editor

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.

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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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