Image and Video Processing for Blind and Visually Impaired

Guest Editors:

Prof. Dr. Zhigang Zhu

Prof. Dr. John Ross Rizzo

Prof. Dr. Hao Tang

Message from the Guest Editors

For this Special Issue, we call for original contributions that lead to innovative methods and applications, in particular those using image and video processing, which can be used to promote independence and community living among people of all ages with low vision and blindness. The topics include, but are not limited to:

1. Increased access to graphical information, signage, travel information, or devices and appliances with digital displays and control panels through AI-based image and video processing.
2. Improved non-visual or enhanced-visual orientation and mobility guidance in both indoor and outdoor environments by using portable and/or mobile image and video processing.
3. Increased participation of people who are blind or have low vision in science, technology, engineering, arts, mathematics, and medicine (STEAM2) education and careers through the use of augmented reality techniques with image and video processing.

Special Issue

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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