

Special Issue

Next-Gen Visual Stimulators: Smart Human-Machine Interfaces for Visual Perception Assessment

Message from the Guest Editor

We invite you to participate in this Special Issue to redefine the study of human vision and perception, paving the way for innovative solutions in visual optics, psychophysics, and neural science. This Special Issue explores the next generation of visual function assessment tools and methodologies, including:

- Arduino-powered devices for visual optics experiments;
- Advanced methodologies for spatio-temporal vision assessment;
- Human-machine interaction in visual perception;
- Computer vision inspired by human vision;
- Neural encoding and brain activity in visual processing;
- Psychophysical modeling of the visual system;
- Virtual reality and reality engine applications in visual science.

Guest Editor

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Raimondo Schettini

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