Human Attention and Visual Cognition

Guest Editor:

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editor

Dear Colleagues,

Human abilities of attention and visual cognition are now of great interest to researchers in imaging and computer vision; the purpose of this issue is to present these human abilities in an accessible manner that speaks to those researchers and cognitive scientists in general, while providing a showcase for the brain. Ideal papers would provide big-picture insight into functional aspects of human attention and visual cognition. In addition, papers that explore the interplay of high-level human and machine concepts are of interest.

To give an indication of issue content, the following papers have been promised or are in review:

Gronau, N. To grasp the world at a glance: The role of attention in visual and semantic associative processing.

Loschky, L. et al. Explaining top-down effects on information extraction and attentional selection in real-world video with the scene perception & event comprehension theory (SPECT).

Sanocki, T. & Prakash, A. Attention setting and the machinery of the brain.

Special Issue

Editor-in-Chief

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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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