

CALL FOR PAPERS

Special Issue of the Cognitive Computation Journal (Springer) on
"Saliency, attention, active visual search and picture scanning"

Guest Editors

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Scope

How is a complex visual scene processed? How is the selection of one particular location in a visual scene accomplished? Does it involve bottom-up, sensory driven cues or top-down world knowledge expectations or both? How is the decision made when to terminate a fixation and move the gaze? How is the decision made where to direct the gaze in order to take the next sample? The goal of the special issue is to advance our understanding of the state-of-the-art on bottom-up and top-down approaches to active visual search and picture scanning.

Neurocomputational, computer vision and experimental review papers on perceptual saliency, attention, learning and memory, decision making and gaze control are welcome. The manner in which attention is involved is considered a highly relevant topic to the special issue.

Important dates

Submission deadline: April 1, 2010

Review deadline: July 1, 2010

Author notification: July 2, 2010

Author's response: August 1, 2010

Publication by journal: ~November/December, 2010

Submission

Electronic submissions for the Cognitive Computation journal can be found under <http://www.springer.com/biomed/neuroscience/journal/12559>

Please indicate in your cover letter that your article is for the special issue "Computational models of saliency, attention, active visual search and picture scanning".

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