Focus of Attention in Vision Systems

A Special Track of the 4th International Symposium on
Visual Computing (ISVC08) www.isvc.net

Scope:

The important amount of information contained in an image made it necessary to develop adapted analysis strategies to efficiently extract the useful information for scene understanding. These strategies are called vision systems. The sequential model of David Marr founded computer vision which was then no more limited to image processing. It was followed by the active vision presented by Yanis Aloimonos then by active perception introduced by Ruzena Bacsy and by attentional vision formalized by John K. Tsotsos. The control of the attentional process can be features guided (bottom-up}, or goal guided (top-down} or both.

Topics:

The topics of interest include but are not limited to the following areas:

- Active vision
- Gaze control
- Saliency maps based methods
- Models of attention for computer vision
- Vision systems
- Related applications

Paper Submission Procedure:

Papers submitted to ISVC 2008 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see http://www.isvc.net for details).

All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.

Important Dates:

Paper submissions   July 21, 2008
Notification of acceptance September 1, 2008
Final camera ready paper September 15, 2008
Advance Registration September 15, 2008
ISVC08 Symposium December 1-3, 2008

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