IEEE WORKSHOP CALL FOR PAPERS

Statistical and Computational Theories of Vision: — Modeling, Learning, Computing, and Sampling

Fort Collins, Colorado, June 22, 1999.
Associated with Int'l Conf. on Computer Vision and Pattern Recognition 1999.
http://www.cis.ohio-state.edu/~szhu/SCTV99.html.

Goals and Scope.

This workshop will provide an international forum for discussing recent advances in the statistical and computational theories of vision. It will brings together highly respected researchers from computer vision, mathematics, statistics, information theory, and psychology to address advanced theories and techniques in

- Statistical Modeling,
- Visual Learning,
- Efficient Computing and Search,
- Markov Chain Monte Carlo Sampling.

Original papers are solicited on topics including (but are not limited to):
- Analyzing the statistics of natural imagery,
- Statistical modeling of natural patterns (texture, shape, ...),
- Statistical modeling of clutter, sensor noise, and scenes.
- Visual learning, model estimation and model selection,
- Information theoretic principles in computer vision,
- Markov chain Monte Carlo sampling methods,
- Algorithms for efficient computation and search,
- Scene representation and graph matching,
- Bayes network, Data Fusion, Image Warping, Pattern theory,
- Applications: (image segmentation, perceptual organization, object recognition, motion analysis and tracking, medical images, ...).

ORGANIZING COMMITTEE.

Song-Chun Zhu, Alan Yuille, David Mumford

PROGRAM COMMITTEE.

Edward Adelson,	Yali Amit,	Peter Belhumeur,	Michael Black,
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Richard Szeliski,	Paul Viola,	Yingnian Wu,	Jun Zhang.

SUBMISSION OF PAPERS.

Prospective authors are invited to submit 4 copies of manuscript, no longer than 25 pages, including figures and references to the following address before **Feb. 1, 1999.**
Prof. Song-Chun Zhu, Dept. of Computer and Information Science,
The Ohio State University, Columbus, OH 43210.