

Posters

Kevin A. Archie¹ & Bartlett W. Mel^{1,2}: "Intradendritic computation of visual stimulus competition and attentional biasing." 1 NGP; 2 BME.

José F. Barraza¹ & Norberto M. Grzywacz^{1,2}: "Fine discrimination of angular velocity despite poor localization of center of rotation." 1 BME; NGP.

Javier Bautista¹ & Michael A. Arbib^{1,2}: "Parallel detection of visual patterns based on top-down expectations." 1 Comp. Sci.; 2 NGP.

Jeff Begley¹, Auke Ijspeert¹ & Michael Arbib^{1,2}: "A neuromechanical simulation of salamander visuomotor coordination." 1 Comp. Sci.; 2 NGP.

Wilson Chu¹, Zhong-Lin Lu^{1,2} & Barbara A. Doshier³: "perceptual learning of motion direction discrimination in fovea reflects a mixed but separable mechanisms of stimulus enhancement and template retuning." 1 Psych.; 2 NGP; 3 UC Irvine

Ernest Greene^{1,2} & William Frawley³: "Do spherical coordinates provide the substrate for a mental protractor?" 1 Psych.; 2 NGP; 3 University of Texas.

David Hinton¹: "Overexpression of hepatocyte growth factor (HGF) in the retinal pigment epithelium induces subretinal membrane formation and chronic retinal detachment." 1 Pathol.

Yunsong Huang¹ & Keith Jenkins¹: "The learning and lateral interaction of feature detectors under the framework of generative probabilistic model." 1 EE.

Luis Andres Lesmes¹, Zhong-Lin Lu^{1,2} & Barbara A. Doshier³: "Full time-course of visual/auditory central/peripheral cuing of visual spatial attention: AP > VP=VC > AC." 1 Psych.; 2 NGP; 3 UC Irvine.

Zhong-Lin Lu^{1,2}: "Using external noise methods to isolate mechanisms of attention/perceptual learning." 1 Psych.; 2 NGP.

David K. Merwine¹ & Norberto M. Grzywacz^{1,2}: "Retinal development depends on a sensory-dependent mechanism." 1 BME; 2 NGP.

Nathan Mundhenk¹ & Laurent Itti^{1,2}: "CINNIC, a new computational algorithm for the modeling of early visual contour integration in humans." 1 Comp. Sci.; 2 NGP.

Vidhya Navalpakkam¹ & Laurent Itti^{1,2}: "Towards modelling the influence of task on visual attention." 1 Comp. Sci.; 2 NGP.

Marissa Nederhouser¹, Michael C. Mangini¹ & Irving Biederman^{1,2}: “The matching of smooth, blobby objects--but not faces--is invariant to differences in contrast polarity for both naïve and expert subjects.” 1 Psych.; 2 NGP.

Mircea Nicolescu¹ & Gérard Medioni¹: “Perceptual Grouping from Motion Cues Using Tensor Voting in 4-D.” 1 Comp. Sci.

Eric Ortega¹ & Bartlett Mel^{1,2}: “A bayesian approach to color constancy.” 1 BME; 2 NGP.

Anne Sperling¹, Frank Manis² & Zhong-Lin Lu^{1,2}: “An evaluation of selective magnocellular deficits in dyslexia.” 1 NGP; 2 Psych.

Dinesh Verma¹, Witaya Sungkarat¹ & Manbir Singh^{1,2}: “Familiar vs. unfamiliar face recognition - a pilot study using fMRI.” 1 BME; 2 Radiology.

Edward A. Vessel¹ & Irving Biederman^{1,2}: “An fMRI Investigation of preference habituation.” 1 NGP; 2 Psych.

James Weiland¹: “Electrically elicited response from isolated retina.” 1 Ophthalmol.

Jeff Wurfel¹, José F. Barraza¹ & Norberto M. Grzywacz^{1,2}: “Discrimination of rates of expansion from optic flows.” 1 BME; 2 NGP.

Chunhong Zhou¹ & Bartlett Mel^{1,2}: “Combination of multiple cues for contour integration in complex scenes.” 1 BME; 2 NGP.

Junmei Zhu¹ & Christoph von der Malsburg^{1,2}: “Learning control units for invariant recognition.” 1 Comp Sci., 2 NGP.