

Neural Information Processing Systems: Natural and Synthetic

NIPS 2003

Vancouver, Whistler, Canada

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Ceci n'est pas une noix

Conference: December 8-13

Vancouver: 8 tutorials, 9-11 conference, Whistler: 12-13 workshops

INVITED CONFERENCE SPEAKERS

Anders Dale, Harvard University: Relating Brain Imaging Signals to Biophysical Models of Neuronal Circuits; Paul Ekman, UC San Francisco: About Face: What We Have Learned Through Measuring Facial Movements; Michale Fee, Bell Labs, Lucent Technologies: Time and Sequence in the Brain: Insights from a Songbird; Marc Mezard, Université de Paris Sud: Analytic and Algorithmic Solutions of Random Satisfiability Problems; Elissa Newport, University of Rochester: Statistical Language Learning in Human Infants and Adults; David Salesin, University of Washington and Microsoft Research: The Need for Machine Learning in Computer Graphics

TUTORIAL SPEAKERS

Stephen Boyd, Stanford University: Convex Optimization and Applications; David Karger, MIT: Algorithmic Tools Applied to Learning and Inference Problems; Daniel D. Lee, University of Pennsylvania: Learning in Sensorimotor Systems; David Lowe, University of British Columbia: Real-Time Object Recognition Using Invariant Local Image Features; Klaus-Robert Mueller, Fraunhofer FIRST: Towards Brain Computer Interfacing; Zach Mainen, Cold Spring Harbor Laboratory: Neural Coding and the Olfactory System

General Chair Sebastian Thrun, Stanford University Program Chair Lawrence Saul, University of Pennsylvania Tutorial Chair Sam Roweis, University of Toronto Workshop Chairs Robbie Jacobs, Rochester University; Satinder Singh Baveja, University of Michigan Publications Chair Bernhard Schoelkopf, Max Planck Gesellschaft Tuebingen Online Proceedings Chair Andrew McCallum, University of Massachusetts at Amherst Demonstrations Chairs Shih-Chii Liu, ETH/University of Zurich; Tobi Delbruck, ETH/University of Zurich Publicity Chair Klaus-Robert Mueller, Fraunhofer FIRST Volunteers Chair Dale Schuurmans, University of Waterloo, Workflow Master John Blitzer, University of Pennsylvania

Program Committee Lawrence Saul (Chair), University of Pennsylvania; Peter Bartlett, University of California at Berkeley; Samy Bengio, IDIAP; Chris Burges, Microsoft; Rich Caruana, Cornell University; Ralph Etienne-Cummings, Johns Hopkins University; Geoff Hinton, University of Toronto; John Lafferty, Carnegie Mellon University; Michael Lewicki, Carnegie Mellon University; Michael Littman, Rutgers University; Andrew McCallum, University of Massachusetts at Amherst; Rajesh Rao, University of Washington; Jianbo Shi, University of Pennsylvania; Richard Shiffrin, Indiana University; Yoram Singer, Hebrew University; Alexander Smola, Australian National University; Martin Wainwright, University of California at Berkeley