

NIPS 2001

NEURAL INFORMATION PROCESSING SYSTEMS: NATURAL AND SYNTHETIC

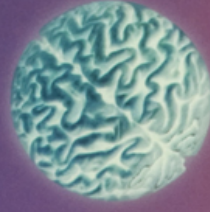
<http://www.csc.mu.edu/Web/Groups/NIPS>

TUTORIALS

LUC DEVROYE (McGill U.) • Nonparametric density estimation: VC to the rescue
DAPHNE KOLLER (Stanford) & NIR FRIEDMAN (Hebrew U., Israel) • Learning Bayesian networks from data
SHAWN LOCKERY (U. of Oregon) • Chemotaxis: Gradient ascent by simple living organisms and their neural networks.
CHRISTOPHER MANNING (Stanford) • Probabilistic linguistics and probabilistic models of natural language processing
BERNHARD SCHÖLKOPF (GMD, Germany) • SVM and Kernel methods
SEBASTIAN THRUN (CMU) • Probabilistic robotics

INVITED SPEAKERS

BARBARA FINLAY (Cornell U.) • How brains evolve, and the consequences for computation
ALISON GOPNIK (UC Berkeley) • Babies and Bayes-nets: Causal inference and theory-formation in children, chimps, scientists and computers
JON M. KLEINBERG (Cornell U.) • Decentralized network algorithms: Small-world phenomena and the dynamics of information
TOM KNIGHT (MIT) • Computing with Life
JUDEA PEARL (UCLA) • Causal inference as an exercise in computational learning
SHIHAB SHAMMA (U. of Maryland) • Common principles in auditory and visual processing



CONFERENCE: VANCOUVER, BRITISH COLUMBIA, CANADA

MONDAY, DEC. 3 TO THURSDAY, DEC. 6, 2001

WORKSHOPS: WHISTLER SKI RESORT

THURSDAY, DEC. 6 TO SATURDAY, DEC. 8, 2001

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