

NOVEMBER 27
TUTORIALS
DENVER, CO

NOVEMBER 29-30
REGULAR SESSIONS
DENVER, CO

DECEMBER 1-2
WORKSHOPS
VAIL, CO

TUTORIALS

Gary Blasdel, *Harvard Medical School*
Functional Anatomy of Primate Vision

Jerome Friedman, *Stanford University*
Computational Learning and Statistical Prediction

Geoffrey Hinton, *University of Toronto*
Unsupervised Learning Procedures

Misha Mahowald, *Institute of Neuroinformatics*
Cortical Circuits in a Multichip Communication Framework

Kumpati Narendra, *Yale University*
Neural Networks for Identification and Control

Halbert White, *UC San Diego*
Option Pricing in Modern Finance Theory and the Relevance of Artificial Neural Networks

INVITED PRESENTATIONS

John H. McMasters, *Boeing Commercial Aircraft Company*
Origins and Future of Flight: A paleological perspective

Bruce Rosen, *Massachusetts General Hospital*
Mapping brain function with functional magnetic resonance imaging

David Heckerman, *Microsoft*
Learning Bayesian Networks

Brian Ripley, *Statistics, Oxford*
Statistical ideas for selecting network architectures

Thomas McAvoy, *Chemical Engineering, University of Maryland*
Application of Neural Networks in the Chemical Process Industries

Elizabeth Bates, *UCSD, Cognitive Science Dept.*
Brain Organization for Language in Children and Adults

NIPS '95

NEURAL INFORMATION PROCESSING SYSTEMS: N A T U R A L & S Y N T H E T I C

MAJOR TOPICS

Neuroscience Theory
Implementation
Algorithms and Architectures
Visual Processing, Speech,
Handwriting and Signal Processing
Applications, Cognitive Science and AI
Control, Navigation and Planning

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Information Resources:

A variety of conference information is available via the NIPS 95 web page
<http://www.cs.cmu.edu/Web/Groups/NIPS/NIPS.html> or via anonymous FTP from
[\(138.67.1.3\) in pub/nips/95.](http://mines.colorado.edu)

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NIPS '95 is the 9th annual meeting of the premier interdisciplinary conference covering all aspects of neural processing and computation. NIPS brings together neuroscientists, computer scientists, cognitive scientists, engineers, physicists, mathematicians and statisticians with interests in natural and artificial neural systems. The single-track conference includes invited talks, and oral and poster presentations of stringently refereed papers. A full day of state-of-the-art tutorial presentations precedes three days of regular sessions. Two days of focused workshops follow at a world-class ski resort.

