Neural Information Processing Systems: *Natural & Synthetic*

Monday - Thursday, December 2 - 5, 1991; Denver, Colorado ■ Friday - Saturday, December 6 - 7, 1991; Vail, Colorado

THE NIPS CONFERENCE

This is the fifth meeting of an inter-disciplinary conference which brings together neuroscientists, engineers, computer scientists, cognitive scientists, physicists, and mathematicians interested in all aspects of neural processing and computation. There will be a day of tutorial presentations (Dec. 2) preceding the regular session and two days of focused workshops will follow at a nearby ski area (Dec. 6-7).

TECHNICAL PROGRAM

The technical program will include invited and contributed talks and poster sessions. There will be no parallel sessions. The full text of presented papers will be published. Technical topics include: Neuroscience; Theory; Algorithms and Architectures; Cognitive Science and AI; Visual Processing; Speech and Signal Processing; Control, Navigation, and Planning; Applications.

WORKSHOP AT VAIL SKI RESORT

Following the regular NIPS program, workshops on current topics in Neural Information Processing will be held on December 6 and 7, 1991, in Vail, Colorado. The format of the workshop is informal. Beyond reporting on past research, the goal is to provide a forum for scientists actively working in the field to freely discuss current issues of concern and interest. Sessions will meet in the morning and in the afternoon of both days, with free time in between for ongoing individual exchange or out-door activities. Specific open and/or controversial issues are encouraged and preferred as workshop topics.

REGISTRATION

Mail requests for registration material to:

NIPS*91 Registration, Siemens Research Center, 755 College Road East, Princeton, New Jersey 08540

NIPS*91 ORGANIZING COMMITTEE

General Chair, John Moody, Yale University;
Program Chair, Stephen J. Hanson, Siemens Research and Princeton University
Workshop Co-Chairs: Gerry Tesauro, IBM; Scott Kirkpatrick, IBM

Publications Chair, Richard Lippmann, MIT Lincoln Laboratory; Publicity Chair, John Pearson, SRI, David Sarnoff Research Center; Treasurer, Bob Allen, Bellcore; Local Arrangements, Mike Mozer, University of Colorado; Program Co-Chairs: David Ackley, Bellcore; Pierre Baldi, JPL and Caltech; William Bialek, NEC; Lee Giles, NEC; Mike Jordan, MIT; Steve Omohundro, ICSI; John Platt, Synaptics; Terry Sejnowski, Salk Institute; David Stork, Ricoh and Stanford; Alex Waibel, CMU; Tutorial Chair: John Moody; Domestic Liaisons; IEEE Liaisons, Rodney Goodman and Ed Posner, Caltech; APS Liaisons, Eric Baum, NEC and Larry Jackel, AT&T; Neurobiology Liaisons, James Bower, Caltech and Tom Brown, Yale University; Government & Corporate Liaison, Lee Giles, NEC; Overseas Liaisons: Mitsuo Kawato, ATR; Marwan Jabri, University of Sydney; Benny Lautrup, Niels Bohr Institute; John Bridle, RSRE; Andreas Meier, Simon Bolivar University. Poster graphic design: Elizabeth C. Reilley