

## Cognitive Science News

May 5-10, 1991, Tyngsboro, MA

### NEURAL NETWORKS: FROM FOUNDATIONS TO APPLICATIONS

This self-contained 5-day course is sponsored by the Boston University Wang Institute, Center for Adaptive Systems, and Graduate Program in Cognitive and Neural Systems. It refines and updates the successful course held at the Wang Institute in May, 1990. The course provides a systematic interdisciplinary introduction to the biology, computation, mathematics, and technology of neural networks. Boston University tutors are Stephen Grossberg, Gail Carpenter, Ennio Mingolla, Michael Cohen, Dan Bullock, and John Merrill. Guest tutors are Federico Faggin; Robert Hecht-Nielsen; Michael Jordan; Andy Barto; Alex Waibel. The Wang Institute lies on a 220 acre campus with excellent conference and dining facilities, easily reached from Boston's Logan Airport. Registration fee: \$985 (professional) and \$275 (students). Fee includes lectures, course notebooks, receptions, meals, coffee service, and evening discussion sessions. To register by phone, call (508) 649-9731 with VISA or MasterCard between 9 a.m.-5 p.m. (EST). For a course brochure, call as above or write: Neural Networks, Wang Institute of Boston University, 72 Tyng Road, Tyngsboro, MA 01879.

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May 10-12, 1991, Tyngsboro, MA

### NEURAL NETWORKS FOR VISION AND IMAGE PROCESSING

This research conference will present invited lectures and contributed posters ranging from visual neurobiology and psychophysics through computational modelling to technological applications. The conference is sponsored by the Boston University Wang Institute, Center for Adaptive Systems, and Graduate Program in Cognitive and Neural Systems with partial support from AFOSR. Invited speakers include: J. Beck, G.A. Carpenter, D. Casasent, J. Daugman, R. Desimone, S. Grossberg, R. Hecht-Nielsen, R. Linsker, E. Mingolla, A. Pentland, V.S. Ramachandran, E. Schwartz, G. Sperling,

J. Todd, and A. Waxman. A featured Poster Session will be held on May 11. To present a poster, submit 3 copies of an abstract (1 single-spaced page), postmarked by March 1, 1991, for refereeing. Include with the abstract the author's name, address, and telephone number. Mail to VIP Poster Session, Neural Networks Conference, Wang Institute of Boston University, 72 Tyng Road, Tyngsboro, MA 08179. Authors will be informed of abstract acceptance by March 31, 1991. Registration fee: \$95 (professionals) and \$75 (student). Fee includes lectures and poster session, reception, meals, and coffee services. To register by phone, call (508) 649-9731 with VISA or MasterCard between 9 a.m.-5 p.m. (EST). For a meeting brochure, call as above or write: Neural Networks, Wang Institute of Boston University, 72 Tyng Road, Tyngsboro, MA 01879.

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### CALL FOR PAPERS

**The Society for Philosophy and Psychology  
is calling for contributed papers and symposium proposals  
for its 17th Annual Meeting to be held June 9-11, 1991  
at the San Francisco State University, San Francisco, California**

Contributed papers are refereed and selected on the basis of quality and relevance to both psychologists and philosophers. Psychologists, neuroscientists, linguists, computer scientists, and biologists are encouraged to report experimental, theoretical and clinical work that they judge to have philosophical significance. Contributed papers are for oral presentation and should not exceed a length of 30 minutes (about 12 double-spaced pages). Papers must be accompanied by a camera-ready *300-word abstract*. **Deadline for submission is January 5, 1991.** Send three copies to the Program Chair, Prof. Jerry Samet, Department of Philosophy, Brandeis University, Waltham, MA 02154. Symposium proposals should also be sent to the same address as soon as possible.

**Local Arrangements:** Prof. Kent Bach Department of Philosophy, San Francisco State University, San Francisco, CA 94132. Individuals interested in becoming members of the Society should send \$15.00 membership dues (\$5.00 for students) to Prof. Robert Van Gulick, Department of Philosophy, 541 HL, Syracuse University, Syracuse, NY 13244.

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**CALL FOR PARTICIPATION:**  
**COGNITIVE SCIENCE 1991**  
**THE 13TH ANNUAL MEETING OF**  
**THE COGNITIVE SCIENCE SOCIETY**  
**AUGUST 7TH-10TH 1991, CHICAGO, IL**

The Annual Meeting of the Cognitive Science Society is a multi-disciplinary conference aimed at bringing together researchers with interests related to the modeling of cognition in humans and machines. The 1991 meeting will be held at the University of Chicago, hosted by the Artificial Intelligence Laboratory of the Computer Science Department.

The deadline for paper and symposia submissions is March 1st, 1991.

Papers should be printed on 8½x11 or A4 sized paper, double-spaced (i.e. no more than 28 lines per page), with ½" margins. Camera ready versions of papers will be required only after authors are notified of acceptance.

Papers should be a maximum of 5000 words, (about 16 pages double spaced), including figures, tables and diagrams.

Papers should be sent to: Cognitive Science 1991  
Department of Computer Science  
University of Chicago  
1100 East 58th Street  
Chicago, IL 60637

All questions and requests for more detailed information concerning the 1991 Meeting should be addressed to the program chairs:

Dr. Kristian Hammond  
Department of Computer Science  
University of Chicago  
1100 East 58th Street  
Chicago, IL 60637  
(312) 702-0510

Dr. Dedre Gentner  
Department of Psychology  
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