

## Cognitive Science News

### **COGNITIVE SCIENCE SOCIETY ANNUAL MEETING**

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**The 18th Annual Meeting  
of the Cognitive Science Society  
will be held at the  
University of California's San Diego campus  
in La Jolla, California,  
July 12-15, 1996**

Information concerning the conference, the call for papers, registration, and other matters will soon be available via the UCSD Cognitive Science home page: <http://cogsci.ucsd.edu>.

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**CALL FOR PAPERS**  
**JOINT 1996 ANNUAL MEETING**  
**CLASSIFICATION SOCIETY OF NORTH AMERICA**  
**& THE NUMERICAL TAXONOMY GROUP**

**June 13–16, 1996, to be held at the**  
**University of Massachusetts, Amherst, MA 01003, USA**

The 1996 annual meeting of the Classification Society of North America will be held jointly with the Numerical Taxonomy Group at the Campus Center Hotel located in the center of the University of Massachusetts Campus. Hotel and dormitory facilities available. Restaurants located in hotel complex.

A short course will be held on Thursday, June 13, and there will be a welcoming reception that evening. Friday will consist of CSNA sessions, followed by the CSNA business meeting and banquet. Saturday, June 15, A.M. CSNA sessions, P.M. joint sessions with the NT group, followed by an NT reception. The NT sessions will continue with a session on Sunday, and end early Sunday afternoon with the NT business meeting.

Abstracts of papers will be distributed, but there will be no formal proceedings of the conference. Speakers will discuss work in progress, as well as ideas for future research. A mix of applications, methodology and theoretical results are usually represented:

- General consensus theory.
- Applications of graph theory to exploratory data analysis.
- Classification in Social Network Analysis.
- Graduate student session.
- Information retrieval.
- Biological applications of consensus theory.
- Reticulate evolution.

Keynote speakers will include Donald Geman of the University of Massachusetts, Bruno Leclerc of C.A.M.S., Paris, Philippa Pattison of the University of Melbourne, and David Swofford of the Smithsonian Institution.

The organizers of the meeting encourage the presentation of contributed papers that cover a wide range of applications and methodology that involve exploratory data analysis viewed in its broadest sense. Papers related to evolution and molecular biology are of particular interest to the numerical taxonomy group. Short abstracts of papers, suggestions for symposia, special sessions, topics, panel discussions, requests for further information, or other contributions should be sent to the Program Chair for the CSNA meeting, Melvin F. Janowitz, Department of Mathematics and Statistics, University

of Massachusetts, Amherst, MA 01003 USA, telephone (413)-545-2871, Fax (413)-545-1801, e-mail [csna96@math.umass.edu](mailto:csna96@math.umass.edu). The program director for the NT meeting is Pierre Legendre, D'epartement de sciences biologiques, Université de Montréal, C.P. 6128, succursale Centre-ville, Montréal, Québec, Canada H3C 3J7, telephone (514)-343-7591, Fax (514)-343-2293; e-mail [legendre@ere.umonreal.ca](mailto:legendre@ere.umonreal.ca).

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**ICML'96**  
**13th International Conference on Machine Learning**  
 Bari (Italy), July 3–6, 1996

The 13th International Conference on Machine Learning (ICML'96) will be held in Bari, Italy, during July 3–6, 1996, with informal workshops July 3. The purposes of the conference are to emphasize the concrete potential of machine learning methodologies to help solving problems in a wide spectrum of application domains, and to highlight relationships and cross-fertilization opportunities between machine learning and related fields.

**Program:**

Invited talks, presentations of refereed papers and a session of general discussion. Submissions are invited in all areas of Machine Learning, including, but not limited to:

Abduction	Analogy
Case-based learning	Cognitive models of learning
Explanation-based learning	Formal models of learning
Inductive logic programming	Genetic algorithms
Learning and problem solving	Multistrategy learning
Representation change	Theory revision
	Applications of machine learning
	Computational learning theory
	Inductive learning
	Knowledge discovery
	Reinforcement learning

Paper submission and workshop proposals are invited in all areas of Machine Learning. Details for paper and workshop format may be obtained in the URL at: <http://www.di.unito.it/pub/WWW/ICML96/home.html> or from: [icml96@di.unito.it](mailto:icml96@di.unito.it). The deadline for paper submission is **January 21, 1996** and the deadline for workshop proposals is **December 15, 1995**.

**Program Chair**

Lorenza Saitta,  
University of Torino  
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**Local Chair**

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Derek Sleeman (UK)	Paul Utgoff (USA)	

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**The International Neuropsychological Society  
will hold its 24th Annual Meeting  
in Chicago, Illinois  
February, 14-17, 1996**

For further information:

International Neuropsychological Society  
Suite #550  
700 Ackerman Road  
Columbus, OH 43202  
Tel: (614) 263-4200  
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**COGNITIVE SCIENCE PROGRAM****National Institute of Mental Health**

The Cognitive Science Program of the National Institute of Mental Health (NIMH) invites grant applications for basic research in such areas as perception, action, attention, memory, learning, knowledge, reasoning, and

language. Methods may be drawn from psychology, artificial intelligence, linguistics, philosophy, and neuroscience. Research may be conducted with humans or other animals, at any stage in the lifespan. Purely computational work is supported, but it should make substantive contact with behavioral or physiological evidence.

Funding mechanisms include grants for research projects (of various sizes and durations), institutional training grants, pre- and post-doctoral fellowships, career scientist awards, and conference grants. Grants are awarded primarily, but not solely, to institutions in the U.S. Individual investigators need not be U.S. citizens; however, recipients of pre- and post-doctoral fellowships and career scientist awards must be U.S. nationals or permanent residents.

General information and application kits for NIMH grants are available at most U.S. institutions' research offices. (Information is also available electronically via [gopher.nimh.nih.gov](http://gopher.nimh.nih.gov).) Further questions can be directed to:

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