

Cognitive Science News

SUNY at Binghamton
announces

Interdisciplinary Graduate Studies in
Philosophy
and
Computers and System Sciences
(PACSS)

The Computer Science, Psychology and Systems Science Departments, the Philosophy Department of SUNY-Binghamton offer an innovative, interdisciplinary MA/PhD program in Philosophy designed to integrate the disciplines of philosophy, cognitive science, artificial intelligence, computer science, and systems science.

- research and teaching that require broad interdisciplinary knowledge in Philosophy, Artificial Intelligence and Cognitive Science
- new directions in professional philosophy, viz., the use of programs (computer or information processing models) as an investigative tool for the analysis of traditional philosophical problems
- career options that call for new skills required by today's high-tech industries

PACSS Core Courses

Computability and Logic
Computational Theories of Mind
Concepts and Categories
Connectionism
Epistemology and Artificial Intelligence
Phil. Foundations of Artificial Intelligence
Fundamental Structures for Comp. & Sys. Sci.
Knowledge Representation and AI
Methodologies for Artificial Intelligence
Modeling and Simulation
Philosophy of Language
Philosophy of Mind
Philosophy of Psychology
Philosophy of Science
Probability and Induction
Programming for AI & Cognitive Science
Rationalism and Empiricism
Recent Analytic Philosophy

Systems Problem Solving
Wittgenstein

PACSS Core Faculty

- Jerrold L. Aronson*, Program Director, Professor of Philosophy. Philosophy of science, of mind, physics, metaphysics.
- Eric Dietrich*, Assistant Professor of Philosophy. Artificial Intelligence, Connectionism, Problem-solving systems.
- Rom Harre*, Adjunct Professor of Philosophy. Philosophy of psychology, Systems science, Philosophy of science, social science.
- Jack Kaminsky*, Professor of Philosophy. Semantic analysis, Philosophy of logic, Ontology.
- George J. Klir*, Distinguished Professor of Systems Science. General systems methodology, Logic design and computer architecture, Information theory, Expert Systems, Uncertainty, Fuzzy set theory.
- Howard Pattee*, Professor of Systems Science. Theoretical biology, Evolutionary models of complex systems, Linguistic controls of dynamic systems.
- Lawrence D. Roberts*, Associate Professor of Philosophy. Philosophy of language, Computational models of reference.
- Eileen C. Way*, Assistant Professor of Philosophy. Artificial intelligence, Natural language processing, Cognitive science, Philosophy of mind.

Assistantships Available

For more information call or write to:

Jerrold L. Aronson, Director
PACSS, Department of Philosophy
SUNY-Binghamton, Binghamton, New York 13901
(607-777-2227 or 607-777-2446)

WORLD CONFERENCE ON A.I. IN EDUCATION (WC-AIED93)

August 23-27, 1993, Edinburgh, UK

This conference will report the best research and applications in the field of AI in Education, covering a wide range of topics. Submission details of papers, posters, workshops/tutorials and panels, and information for industrial and book exhibitors, from Dr. H. Pain, Dept. of Artificial Intelligence, University of Edinburgh, 80 South Bridge, Edinburgh, EH1 1HN, UK (aied93@aisb.ed.ac.uk).

Submission deadline: December 12, 1992. Early registration: April 1, 1993. Sponsored by AIED Society: AACE, P.O. Box 2966, Charlottesville, VA 22902, USA (aace@virginia.edu).

IJCAI 93

International Joint Conference on Artificial Intelligence

CHAMBERY — SAVOIE — FRANCE

August 29 – September 3, 1993

Conference Chair:

Wolfgang Wahlster (D)
Fax: (+49 681) 302 5341
wahlster@dfki.uni-sb.de

Program Chair:

Ruzena Bajcsy (US)
Fax: (+1 215) 573 2048
bajcsy@central.cis.upenn.edu

Secretary-Treasurer

Donald Walker (US)
Fax: (+1 201) 829 5981
walker@flash.bellcore.com

Local Chair:

Jean-Pierre Laurent (F)
Fax: (+33) 79 96 34 75
until Sept 92 then 79 75 87 85
jplaire@imag.fr

**The Call for Papers, Tutorials, Workshops, Panels
are all available by email at:**

ijaci-serv@imag.fr

(subject: as you want; content: the first time used just type "help")

**Dead-line: The Papers must be received by the Program Chair before
November 1, 1992**

Video Chair:

Toru Ishida (J)
Fax: (+81 77) 495 1839
ishida@cslab.kecl.ntt.jp

Tutorial Chair:

Philippe Jorrand (F)
Fax: (+33) 76 57 46 02
jorrand@lifia.imag.fr

Workshop Chair:

Aaron Bobick (US)
Fax: (+1 617) 258 6264
bobick@media-lab.mit.edu

Panel Chair:

John Tsotsos (CAN)
Fax: (+1 416) 978 1455
tsotsos@vis.toronto.edu

SUPPORT FOR COGNITIVE SCIENCE RESEARCH

National Institute of Mental Health

The National Institute of Mental Health (NIMH) aims to support a wide range of basic research in the cognitive sciences, as part of its effort to expand knowledge of fundamental aspects of human behavior and adaptation.

NIMH encourages proposals for basic research in such areas as perception, memory, knowledge, thinking, learning, language, and performance. Methods may include (but are not limited to) human and animal experimentation, computer simulation, and formal/computational analysis. Investigators may have backgrounds in psychology, computer science, linguistics, philosophy, or any other cognitive science.

Funding mechanisms include grants for research projects (of various sizes and durations), pre- and post-doctoral fellowships, institutional training grants, career scientist awards, and conference grants.

Questions about NIMH's support for cognitive science research can be directed to:

Rodney Cocking, Ph.D. or Howard Kurtzman, Ph.D.

Basic Behavioral & Cognitive Sciences Research Branch

National Institute of Mental Health

Room 11C-16

5600 Fishers Lane

Rockville, MD 20857

E-mail: kwh@cu.nih.gov

Telephone: (301) 443-9400

Fax: (301) 443-4822
