

Cognitive Science News

The Second International Conference on Industrial & Engineering Applications of Artificial Intelligence and Expert Systems will be held June 6-9, 1989 at The University of Tennessee Space Institute, (UTSI), Tullahoma, TN, 37388. The conference will be sponsored by UTSI and the Association for Computing Machinery (ACM/SIGART), in cooperation with the American Association for Artificial Intelligence (AAAI), the Institute of Electrical and Electronics Engineers, Inc. (IEEE) Computer Society, and the National Society of Professional Engineers (NSPE).

This conference covers three major areas each organized by its program and co-program chairmen. The areas are:

- **Supporting Technology:** Knowledge Acquisition and Representation, Machine Learning, Searching, Problem Solving, Qualitative and Temporal Reasoning, Management of Uncertainty, Distributed Processing, Cognitive Modeling, AI Languages, Heuristic Programming, and Neural Nets etc.
- **Applications:** Fault Monitoring and Diagnosis, Intelligent Controls, Manufacturing, Design, Planning, Scheduling, Process Control, Automatic Programming, and Sensor Fusion etc.
- **Intelligent Interfaces and Robotics:** Man-Machine Interfaces, Pattern Recognition, Vision, Natural Language and Speech Processing, Perception and Robotics, and Intelligent Tutoring, etc.

Please submit by December 15, 1988, three copies of the title and extended abstract written in English (a minimum of 700 words, a maximum of 1000 words) to the proper area Program Chairman. The program chairmen of the three areas are:

1. Supporting Technology:

Dr. James Bezdek, Director of Information Processing
Boeing Electronics Company, P.O. Box 24969, Seattle,
WA 98124-6269, USA
[Phone: (206) 865-3050]

2. Applications:

Dr. Walter Merrill, NASA Lewis Research Center,
MS 77-1, 21000 Brook Park Rd., Cleveland, OH 44135, USA
[Phone: (216) 433-6328]

3. Intelligent Interfaces and Robotics:

Dr. Francois Pin, Head of Machine Intelligence and Automated Methods, Oak Ridge National Laboratory, Bldg. 6025, MS 364, Oak Ridge, TN 37831-6364, USA
[Phone: (615) 574-6130]

DEADLINES:

- Extended Abstract: Dec. 15, 1988
- Acceptance Notification: Jan. 31, 1989
- Final Paper Due: March 15, 1989

NOTES:

- Tutorials will be held on June 6, 1989
- Proceedings available at the Conference.
- Exhibits will be held on June 7-9, 1989.

Further information may be obtained from and additional correspondence should be directed to:

Dr. Moonis Ali, Conference General Chairman
IEA/AIE—89
The University of Tennessee Space Institute
Tullahoma, TN 37388, USA
[Phone: (615) 455-0631, Ext. 236]

**THE JAMES S. MCDONNELL FOUNDATION SUMMER INSTITUTE
IN COGNITIVE NEUROSCIENCE**

The second annual Summer Institute will be held at Dartmouth College, June 26–July 7, 1989. The course will examine how information about the brain bears on issues in cognitive science, and how approaches in cognitive science apply to neuroscience research. A distinguished faculty will lecture on current topics in vision and memory; laboratories and demonstrations will provide practical experience with cognitive neuropsychology experiments, connectionist/computational modeling, and neuroimaging techniques. At every stage, the relationship between cognitive issues and underlying neural circuits will be explored.

The Institute directors will be Ira Black, Michael Gazzaniga, Steven Hilliard, Ralph Linsker, and Gordon Shepherd. Applications are invited from beginning and established researchers. The Foundation will provide limited support for travel expenses and room/board.

Application deadline is January 16, 1989.

To apply, please send a curriculum vitae, a one-page statement explaining why you want to attend the institute, and two letters of recommendation to the address listed below.

For further information, call (603) 646-8800.

McDonnell Institute in Cognitive Neuroscience
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