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Cognitive Science News

CALL FOR PAPERS

Pragmatics in Artificial Intelligence
5th Rocky Mountain Conference on Artificial Intelligence (RMCAI-90)
Las Cruces, New Mexico, USA, June 28–30, 1990

Pragmatics Problem:
The problem of pragmatics in AI is one of developing theories, models, and implementations of systems that make effective use of contextual information to solve problems in changing environments.

Conference Goal:
This conference will provide a forum for researchers from all subfields of AI to discuss the problem of pragmatics in AI. The implications that each area has for the others in tackling this problem are of particular interest.

Acknowledgements:
In cooperation with:
American Association for Artificial Intelligence (AAAI)
Association for Computing Machinery (ACM)
Special Interest Group in Artificial Intelligence (SIGART) [pending approval]
U S WEST Advanced Technologies and the Rocky Mountain Society for Artificial Intelligence (RMSAI)

With grants from:
Association for Computing Machinery (ACM)
Special Interest Group in Artificial Intelligence (SIGART)
U S WEST Advanced Technologies and the Rocky Mountain Society

General Information:
The Rocky Mountain Conference on Artificial Intelligence is a major regional forum in the USA for scientific exchange and presentation of AI research. The conference emphasizes discussion and informal interaction as well as presentations. The conference encourages the presentation of completed research, ongoing research, and preliminary investigations. Researchers from both within and outside the region are invited to participate. Some travel awards will be available for qualified applicants.

Format for Papers:
Submitted papers should be double spaced and no more than 5 pages long. E-mail versions will not be accepted.

Send 3 copies of your paper to:

Paul Mc Kevitt,
Program Chairperson, RMCAI-90,
Computing Research Laboratory (CRL),
Dept. 3CRL, Box 30001,
New Mexico State University,
Las Cruces, NM 88003-0001, USA.

Deadlines:
Paper submission: March 1st, 1990
Pre-registration: April 1st, 1990
Notice of acceptance: May 1st, 1990
Final papers due: June 1st, 1990

Local Arrangements:
Local Arrangements Chairperson, RMCAI-90.
(same postal address as above).

Inquiries:
Inquiries regarding conference brochure and registration form should be addressed to the Local Arrangements Chairperson:

Local Arrangements Chairperson: E-mail: INTERNET: rmcai@nmsu.edu
Phone: (+1 505)-646-5466
Fax: (+1 505)-646-6218.

Program Chairperson: E-mail: INTERNET: paul@nmsu.edu
Phone: (+1 505)-646-5109
Fax: (+1 505)-646-6218.

Topics of Interest:
You are invited to submit a research paper addressing Pragmatics in AI, with any of the following orientations:

Philosophy, Foundations and Methodology
Knowledge Representation
Neural Networks and Connectionism
Genetic Algorithms, Emergent Computation, Nonlinear Systems
Natural Language and Speech Understanding
Problem Solving, Planning, Reasoning
Machine Learning

Vision and Robotics
Applications

Invited Speakers:
The following researchers have agreed to speak at the conference (a of others have been invited):

Martin Casdagli, *Los Alamos National Laboratory USA*
(Dynamical systems, Artificial neural nets, Applications)

Arthur Cater, *University College Dublin IRELAND*
(Robust Parsing)

James Martin, *University of Colorado at Boulder USA*
(Metaphor and Context)

Derek Partridge, *University of Exeter UK*
(Connectionism, Learning)

Philip Stenton, *Hewlett Packard UK*
(Natural Language Interfaces)

Program Committee:

John Barnden, *New Mexico State University*
(Connectionism, Beliefs, Metaphor processing)

Hans Brunner, *U S WEST Advanced Technologies*
(Natural language interfaces, Dialogue interfaces)

Martin Casdagli, *Los Alamos National Laboratory*
(Dynamical systems, Artificial neural networks, Applications)

Mike Coombs, *New Mexico State University*
(Problem solving, Adaptive systems, Planning)

Thomas Eskridge, *Lockheed Missile and Space Co.*
(Analogy, Problem solving)

Chris Fields, *New Mexico State University*
(Neural networks, Nonlinear systems, Applications)

Roger Hartley, *New Mexico State University*
(Knowledge Representation, Planning, Problem Solving)

Paul Mc Kevitt, *New Mexico State University*
(Natural language interfaces, Dialogue modeling)

Joe Pfeiffer, *New Mexico State University*
(Computer Vision, Parallel architectures)

Keith Phillips, *University of Colorado at Colorado Springs*
(Computer vision, Mathematical modelling)

Yorick Wilks, *New Mexico State University*
(Natural language processing, Knowledge representation)