THE FINITE STRING NEWSLETTER

CALLS FOR PAPERS

CSCSI - 86

Canadian Artificial Intelligence Conference

23-23 May 1986, Montréal, Canada

General Chair
Renato De Mori
Department of Computer Science
Concordia University
Montréal, Qué, H3G 1M8 CANADA

Program Chair:
Bill Havens
Department of Computer Science
University of British Columbia
Vancouver, BC V6T 1W5 CANADA
network address: havens@ubc.CSNET

Sponsored by: Canadian Society for Computational
Studies of Intelligence and Société canadienne pour
l'étude de l'intelligence par ordinateur

CSCSI-86, the Sixth National Conference of
CSCSI/SCEIO, invites submission of theoretical and
applied research papers in all areas of Artificial Intelli-
gence research, particularly those listed below:

- Knowledge Representation
- Expert Systems and Applications
- Natural Language Understanding
- Social Aspects of AI
- Logic Programming and Formal Reasoning
- Robotics
- Planning, Problem Solving, and Learning
- Cognitive Science
- AI Architecture, Languages, and Tools
- Computer Vision

All submissions will be fully refereed by the program
committee. Authors are requested to prepare full papers
of no more than 5000 words in length and specify in
which area they wish their papers reviewed. All papers
should contain concise clear descriptions of significant
contributions to Artificial Intelligence research with
proper references to the relevant literature. Figures and
illustrations must be professionally drawn.

Three copies of each submitted paper must be *in the
hands of* the Program Chairman *by 31 December 1985.*
Electronic submissions are, unfortunately, not accepta-
ble. All accepted papers will be published in the confer-
ence proceedings.

Correspondence should be addressed to either the
General Chair or the Program Chair, as appropriate.

ACL86

**24th Annual Meeting of the Association for Computational
Linguistics**

10-13 June 1986, Columbia University, New York, NY

Program Chair:
Alan W. Biermann
Department of Computer Science
Duke University
Durham, NC 27706, USA
(919) 684-3048
awb%duke@csnet-relay

Program Committee:
Kenneth W. Church, *AT&T Bell Laboratories*
Michael Dyer, *University of California at Los Angeles*
Carole D. Hafner, *Northeastern University*
George E. Heidorn, *IBM T.J. Watson Research Center*
David D. McDonald, *University of Massachusetts*
Fernando C.N. Pereira, *SRI International*
Candace L. Sidner, *BBN Laboratories*
John S. White, *Siemens Communication Systems*

Papers are invited on all aspects of computational linguis-
tics, including but not limited to:

- pragmatics, discourse, semantics, and syntax
- understanding and generating spoken and written
  language
- linguistic, mathematical, and psychological models of
  language
- phonetics and phonology
- speech analysis, synthesis, and recognition
- translation and translation aids
- natural language interfaces
- theoretical and application papers of every kind

Papers should
- describe unique work that has not been submitted else-
  where
- emphasize completed work rather than intended work
- indicate clearly the state of completion of the reported
  results

DEADLINES

6 January 1986: Eight copies of an extended abstract up
to eight pages long (single-spaced, if desired) in the
hands of the program chair.

25 February 1986: Notification of acceptance.

18 April 1986: Camera-ready copies of final papers
prepared on model paper together with a signed
copyright release statement.

ADDITIONAL INFORMATION

ACL86 will include a program of tutorial and a variety of
exhibits and demonstrations. Anyone wishing to arrange
an exhibit or present a demonstration should send a brief

description to the program chair along with a specification of physical requirements (space, power, telephone connections, tables, etc.)

Local arrangements are being handled by Kathy McKeown and Cecile Paris:

Department of Computer Science
Columbia University
New York, NY 10027
(212) 280-8194/8125
mckeown and cecile @columbia-20.arpa

For other information on the conference, and on the ACL more generally, contact

Donald E. Walker (ACL)
Bell Communications Research
445 South Street, MRE 2A379
Morristown, NJ 07960
(201) 829-4312
walker@mouton.arpa
or walker%mouton@csnet-relay
or bellcore!walker@berkeley

The **53rd LSA Summer Linguistic Institute** will be held at the Graduate School and University Center of the City University of New York from 23 June to 31 July. The 1986 Institute is the first to focus on computational linguistics. During the week between ACL86 and the Institute, a number of special courses will be held that should be of particular interest to computational linguists. For further information, contact

D. Terence Langendoen
CUNY Graduate Center
33 West 42d Street
New York, NY 10036
(212) 921-9061
tergc%cunyvm@wiscvm.arpa

ECAI

European Conference on Artificial Intelligence

21-25 July 1986, Brighton, U.K.

General Chairman	Benedict du Boulay
Local Arrangements Chairman	David Hogg
Conference Administrator	Judith Dennison

The University of Sussex
Cognitive Studies Programme
Brighton BN1 9QN U.K.
(44) (0) 273-683 500

Programme Chairman	Luc Steels
Programme Secretary	Gina Fierlafijn

Vrije Universiteit Brussel
AI Lab
Pleinlaan 2, 1050 Brussels BELGIUM
(32) (0) 2-641 2971

ECAI is the largest biennial European conference sponsored by the European Coordinating Committee on Artificial Intelligence and co-sponsored in 1986 by the Society for the Study of Artificial Intelligence and Simulation of Behaviour. A tutorial will precede the conference.

Authors are invited to submit papers of substantial, original, and previously unreported research in any aspect of AI, including reports on scientific research as well as industrial applications.

Topics of Interest

For the Scientific Programme:
- Foundations (including Social Issues)
- Knowledge Representation
- Problem Solving
- Knowledge Acquisition and Learning
- Communication (including Natural Language Processing)
- Perception and Robotics
- Cognitive Modeling
- Applications (non-industrial)
- Tools for AI Research

For the Industrial Programme:
- Industrial Applications (including Expert Systems, Natural Language Systems, Robotics Applications, Tutoring Systems)
- Engineering Issues (including Managing AI Projects, Follow Up and Performance Evaluation, User Reactions)
- Financing (including National and International R & D programmes in AI, AI Companies)
- Tools for Building Industrial AI Systems

Requirements for Submission

- Research papers: up to 5500 words, 7 proceedings sheets
- Position papers: up to 2000 words, collected in a separate volume

Research Papers

These papers must document finished research of great importance to the AI community. They will be stringently reviewed based on the originality and significance of the work, as well as the quality of its presentation. Papers requiring major revision cannot be accepted.

Full papers, 5000 words maximum, should be on A4 pages and double-spaced. Three copies should be submitted. The first sheet should give the title, the name(s) and address(es) of the author(s), a brief abstract, and a list of keywords, to help in the assigning of referees.

DEADLINE FOR FULL PAPERS: 1 JANUARY 1986
Late papers will not be reviewed.

Authors will be notified of referees' decisions around the middle of March 1986. Final copies, for photo-reproduction, will be needed **by the middle of May 1986.** Copies of the conference proceedings will be provided to everyone attending.

Position Papers

Position papers are informal notes with new ideas, stimulating criticism, or speculations on future directions. They will form the basis of discussion sessions. Position papers will be collected in a separate volume and made available to participants of the conference.

DEADLINE FOR POSITION PAPERS: 1 MARCH 1986

All submissions should be sent to the programme chairman. Further inquiries about registration or other matters may be obtained from the general chairman.

COGNITIVE SCIENCE

Eighth Annual Conference of the Cognitive Science Society

15-17 August 1986, University of Massachusetts, Amherst

Conference Chairman
Charles Clifton
Department of Psychology
University of Massachusetts
Amherst, MA 01003

This conference will feature invited addresses and symposia in three focal areas:
• Neuroscience and Cognitive Science
• Formal Analyses of Language
• Intelligent Systems
Major addresses will be delivered by Bruce Buchanan, Stanford University; Barbara Gross, SRI International; and Vernon Mountcastle, Johns Hopkins University. A Presidential Address will be delivered by Zenon Pylyshyn, University of Western Ontario. The conference will also offer workshops on a variety of topics.

The conference schedule will include paper sessions and a poster session, covering the full range of the cognitive sciences. Cognitive scientists are invited to submit papers or posters on substantial, original, previously unreported research. All papers and posters will be reviewed by experts in appropriate topic areas. Acceptance will be based on originality and significance of the reported research, as well as on the quality of its presentation. Papers and posters will be published by Lawrence Erlbaum Associates in a Conference Proceedings.

Full information about accommodation, travel arrangements, registration, etc. will be made available in January 1986.

Submissions should be sent to the Conference Chairman, for *receipt by 14 March 1986.* and *must* include the following:
— Author's name, address, and telephone number
— Set of no more than four topic area keywords
— Four copies of a short abstract (100-250 words)
— Four copies of the full paper (4,000 words maximum) or poster (2,000 words maximum)
— An indication of preference for paper or poster session

DEADLINES
Submissions	14 March 1986
Notification of acceptance	16 May 1986
Camera-ready copy	9 June 1986

MINUTES OF THE 1985 ACL MEETING

Following are the minutes of the 23rd Annual Business Meeting of the Association for Computational Linguistics, held 10 July 1985 at the University of Chicago in Chicago, Illinois. Madeleine Bates, ACL President, presided.

ACL85 Meeting Report

Bill Mann, Program Committee Chair, reported on special features of the program. The Committee was divided into two Panels, one devoted to theory, the other to applications. A deliberate attempt was made to encourage more submissions in the latter category, but they were not forthcoming. Forty of the 61 papers submitted were accepted. A tutorial program was introduced for the first time at a regular ACL meeting (one had been held at the Conference on Applied Natural Language Processing in 1983, and COLING84 had a "mini-summer school" during the week preceding that conference). The exhibits program was larger and more extensive than the one at COLING84, with a number of demonstrations from university and industry groups. [NOTE: The final attendance figures show that 363 people registered for the meeting. The 332 page proceedings is available from the ACL office at $15 for members, $20 for nonmembers. The tutorials also proved to be quite successful: 83 attended the Parser tutorial by Jonathan Slocum; 62 were at Prolog by Fernando Pereira; 16 at Speech by Beatrice Oshika and Jared Bernstein; 58 at Interfaces by Norman Sondheimer and Madeleine Bates; and 112 at Unification by Stuart Shieber.]

Secretary-Treasurer's Report

Don Walker reported that income for the year 1984 exceeded expenditures by almost $50,000 ($178,579 against $129,080), resulting in accumulated assets of $153,927 for the period. Some progress has been made toward setting up cost centers, but it is still not possible to allocate expenses accurately. With that qualification, proceedings sales and conference income help offset losses to the membership account. However, the largest source of income is the distribution of surplus from the National Computer Conference by AFIPS, an amount almost equal to the ACL surplus. Preliminary figures for the first half of 1985 show an even greater surplus, but relatively few expenses have been incurred yet for the year. The total number of personal members at the end of the year was 1355, down slightly from 1983. Institutional membership was up slightly, to 325. A new membership drive under the direction of Alan Biermann