

8000 words), double-spaced, by **1 December 1985**, to the Chairman of the Program Committee:

Prof. Makoto Nagao (Kyoto)
Dept. of Electrical Engineering
Kyoto University
Sakyo-ku, Kyoto, 606, Japan

The Program Committee will respond before **15 March 1986**.

The complete text of the revised papers in camera-ready form should be sent before **1 May 1986** to

Winfried Lenders
Institut für Kommunikationsforschung und Phonetik
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Poppelsdorfer Allee 47
D-5300 Bonn 1

PROGRAMS

ACL EUROPEAN CHAPTER: SECOND CONFERENCE

28 MARCH 1985

MORNING

Opening Session: Invited Speaker

- Kornai – Natural languages and the Chomsky hierarchy
Hess – How does Natural Language Quantify
Stirling – Distributives, quantifiers, and a multiplicity of events
Slocum and Bennett – An evaluation of METAL
Root – A two-way approach to structural transfer in MT
Boitet et al. – Various representations of texts for EURO-TRA

AFTERNOON

- Descles – Predication and topicalisation: a formal study in the framework of applicative languages
Bainbridge – Montagovian definite clause grammar
Des Tombe et al. – Specification of time in natural language
Fum – Natural language processing and the automatic acquisition of language
Wilks – Right attachment and preference semantics
Dunin-Keplica – How to restrict ambiguity of discourse
Haugeneder – An ATN treatment of WH-movement
Popowich – SAUMER: Sentence analysis using METARules
Ramsay – A self improving parser for generalised phrase structure grammars
Lehtola – A language based environment for natural language parsing

- Bestougeff, Ligozat – Parametrised abstract objects for linguistic information processing
Salton – On the representation of query term relations by soft Boolean operators

29 MARCH

MORNING

- Altman – The resolution of local syntactic ambiguity by the human sentence processing mechanism
Pulman – A parser that doesn't
Delmonte – Parsing difficulties and phonological processing in Italian
Izumida et al. – A natural language interface using a world model
Berry-Rogghe – Interpreting singular definite descriptions in database queries
Bree, Smit – Non-standard uses of if
Wehrli – Design and implementation of a lexical data base
Maistros, Kotsanis – Lexifamis: A lexical analyser of modern Greek
Beale – Grammatical analysis by computer of the Lancaster-Oslo/Bergen corpus
Fimbel et al. – Using a text model for analysis and generation
Gillott – The simulation of stress patterns in synthetic speech – a two level problem
Johnston, Altman – Automatic speech recognition: a framework for research

AFTERNOON

- Garside – A probabilistic parser
Boguraev, Briscoe – Toward a dictionary support environment for real time parsing
Koktova – Towards a new type of morphemic analysis
Fum et al. – A rule based approach to evaluating importance in descriptive texts
Patten – A problem solving approach to generating text from systematic grammar
Parisi, Giorgi – GEMS: a model of sentence production
McDonald, Pustejovskh – SAMSON: A computational theory of prose style in generation
Tait – An English generator for a case-labelled dependency representation
Muraki et al. – Augmented dependency grammar
Hajicova, Sgall – Towards an automatic identification of topic and focus
Morik – User modelling, dialog structure, and dialog strategy in HAM-ANS
Narin'Yani, Simonova – Communicative context of dialogue interaction

23rd ANNUAL MEETING OF THE ASSOCIATION
FOR COMPUTATIONAL LINGUISTICS

8 JULY 1985 – TUTORIALS

Parser Construction Techniques

Jonathan Slocum

Prolog with Natural Language Examples

Fernando Pereira

Speech Recognition and Synthesis

Jared Bernstein and Beatrice Oshika

Natural Language Interfaces

Norman Sondheimer and Madeleine Bates

Unification Approaches to Grammar

Stuart Shieber

9 JULY

*MORNING***Semantics of Temporal Queries and Temporal Data**

Carole D. Hafner

Temporal Inferences in Medical Texts

Klaus Obermeier

Tense, Aspect and the Cognitive Representation of Time

Kenneth Man-kam Yip

Classification of Modality Function and its Application to Japanese Language Analysis

Shozo Naito, Akira Shimazu and Hirosato Nomura

Universality and Individuality: The Interaction of Noun Phrase Determiners in Copular Clauses

John C. Mallery

Meinongian Semantics for Propositional Semantic Networks

William J. Rapaport

AFTERNOON

INVITED SPEAKER Fernando Pereira

A Survey of Natural Language Research at Japan's Institute for New Generation Computing Technology

Speech Acts and Rationality

Philip Cohen and Hector Levesque

Ontological Promiscuity

Jerry Hobbs

Reversible Automata and Induction of the English Auxiliary System

Sam Pilato and Robert Berwick

The Computation Difficulty of ID/LP Parsing

G. Edward Barton, Jr.

Some Computational Properties of Tree Adjoining Grammars

Aravind Joshi and K. Vijayshankar

TAGs as a Grammatical Formalism for Generation

David McDonald & James Pustejovsky

10 JULY

*MORNING***Modular Logic Grammars**

Michael McCord

New Approaches to Parsing Conjunctions Using Prolog

Robert Berwick and Sandiway Fong

Generalizing the Earley Algorithm

Mark Johnson

Structure Sharing with Binary Trees

Lauri Karttunen and Martin Kay

A Structure-Sharing Representation for Unification-Based Grammar Formalisms

Fernando Pereira

Using Restriction to Extend Parsing Algorithms for Complex-Feature-Based Formalisms

Stuart M. Shieber

AFTERNOON

INVITED SPEAKER William Woods

Knowledge and Language: A New Frontier

Semantic Case Frame Parsing & Syntactic Generality

Philip Hayes

Movement in Active Production Networks

Mark Jones and Alan Driscoll

Parsing Head-driven Phrase Structure Grammar

Derek Proudian and Carl Pollard

A Computational Semantics for Natural Language

Carl Pollard and Lewis Creary

Analysis of Conjunctions in a Rule-based Parser

Leonardo Lesmo and Pietro Torasso

11 JULY

MORNING

INVITED SPEAKER Barbara Grosz

The Structures of Discourse Structures

The Dynamic Discourse Model: A Formal Approach to Discourse Segmentation

Remko Scha and Livia Polanyi

A Pragmatics-Based Approach to Understanding Intersentential Ellipsis

Sandra Carberry

Some Pragmatic Issues in the Planning of Definite & Indefinite Noun Phrases

Douglas Appelt

Repairing Reference Identification Failures by Relaxation

Brad Goodman

AFTERNOON

INVITED SPEAKER Bonnie Webber

Focusing in Anaphora Resolution: Allocation of Short-term Memory

Raymonde Guindon and Burton Wagner

Explanation Structures in XSEL

Karen Kukich

Description Strategies for Naive and Expert Users

Cecile L. Paris

Stress Assignment in Letter to Sound Rules for Speech Synthesis

Kenneth Church

An Eclectic Approach to Building Natural Language Interfaces

Brian Phillips, Michael Freiling, James Alexander, Steven Messick, Steve Rehfuss and Sheldon Nicholl

12 JULY

MORNING

Structure-Sharing in Lexical Representation

Daniel Flickinger, Carl Pollard and Thomas Wasow

A Tool Kit for Lexicon Building

Thomas Ahlswede

Using an On-line Dictionary to Find Rhyming Words and Pronunciations for Unknown Words

Roy Byrd & Martin Chodorow

Towards a Self-Extending Phrasal Lexicon

Uri Zernik & Michael G. Dyer

Grammatical Analysis by Computer of the Lancaster -Oslo/Bergen Corpus of British English Texts

Andrew D. Beale

Extracting Semantic Hierarchies from a Large On-Line Dictionary

Martin Chodorow, Roy Byrd and George Heidorn

AFTERNOON

INVITED SPEAKER George Miller

Dictionaries of the Mind**The Use of Syntactic Clues in Discourse Understanding**

Nan Decker

Grammar Viewed as a Functioning Part of a Cognitive System

Helen M. Gigley

ANNOUNCEMENTS

STUDIES IN NATURAL LANGUAGE PROCESSING

Two volumes in the Cambridge University Press series have just been published:

- *Natural Language Parsing – Psychological, Computational, and Theoretical Perspectives*
edited by David Dowty, Lauri Karttunen, and Arnold Zwicky
\$39.60 members (\$49.50 nonmembers);
- *Generating Natural Language*
by Kathleen McKeown
\$23.96 (\$29.95).

One is to be published by midsummer:

- *Planning Natural Language Utterances*,
by Douglas Appelt.

Three are in production:

- *Space and Prepositions in English*
by Annette Herskovits;
- *An Introduction to Computational Linguistics*
by Ralph Grishman;
- *Semantic Interpretation Against Ambiguity*
by Graeme Hirst.

Three volumes are currently under review.

Books should be ordered directly from Cambridge University Press. To qualify for the 20% discount, identify yourself as an ACL member. From the U.S. and Canada contact:

Cambridge University Press
32 East 57th Street
New York, NY 10022

from elsewhere:

Cambridge University Press
The Edinburgh Building
Shaftesbury Road
Cambridge, CB2 2RU, ENGLAND

Manuscripts and editorial inquiries should be sent to
Aravind Joshi
Computer and Information Science
University of Pennsylvania,
Philadelphia, PA 19104
phone 215:898-8540
csnet joshi@upenn.

NOMINATIONS FOR 1986 ACL SLATE

The Nominating Committee has submitted the following slate for consideration during the 23rd ACL Annual Meeting (8-12 July 1985, University of Chicago):

President

Ralph M. Weischedel, *Bolt Beranek and Newman Inc.*

Vice President

William C. Mann, *USC/Information Systems Institute*

Secretary-Treasurer

Donald E. Walker, *Bell Communications Research*

Executive Committee (1986-1988)

Barbara Grosz, *SRI International*

Nominating Committee (1986-1988)

Madeleine Bates, *Bolt Beranek and Newman Inc.*

The election will take place during the Business Meeting, to be held at 17:30 on 10 July 1985. Additional nominations can be proposed at that meeting, but nominators must be able to guarantee that their candidates are willing to serve if elected.

ACL SESSIONS AT NCC '85

The two ACL Sessions at NCC '85 in Chicago, scheduled to follow one another on the afternoon of July 15, 1985, are:

MICROCOMPUTER DATABASES THAT UNDERSTAND ENGLISH

Session Chair: Martha Evens
Illinois Institute of Technology

How to Get a Big Natural Language System on a Personal Computer

Bozena and Frederick Thompson, *California Institute of Technology*

Categorizing Natural Language Queries for Intelligent Responses

Kurt Godden, *General Motors Research Laboratories*

CLOUT – A Natural Language Program for Microcomputers

Wayne Erickson, *Microrim, Inc.*