The Twenty-Fifth Annual Meeting of the Association for Computational Linguistics offers the membership a chance to acknowledge and benefit from the wide range of developments in computational linguistics in the past several years. The papers in the program reflect the growing interaction between computational linguists trained in information processing approaches and those trained in linguistic disciplines. At the same time, the program's papers report on new developments in many areas of computational linguistics that are now the forefront of research in our field.

Because of the exponentially increasing number of papers submitted this year, the committee chose to reduce the number of panels and invited talks in favor of accepting additional papers. The panel on Directions for Natural Language Processing will provide the membership with a chance to assess current developments in the field and their potential for the next several years. The invited talk on Speech Act Theory will update the membership in depth on one part of our field that shows special promise for natural language processing. At the same time, this year's tutorials have been planned to provide the membership with lectures in areas of computational linguistics that complement those being studied during the courses at the 1987 Linguistic Institute at Stanford University.

The Public Forum on Evaluating Natural Language Systems is a special part of this year's program. It permits all of the membership to participate in the examination of a set of issues that are pressing to every one in the community, no matter what their particular specialty may be. It is my hope that this forum will further research and practical measures on evaluating all aspects of natural language systems. The forum is also an experiment in programming for an annual meeting because of its unusual scheduling structure.

This year's meeting is the product of a number of members' talent, time and hard work (in all combinations of those terms!). I am indebted to the Program Committee for their contributions to the content of the program. It is no small task to read and understand the large number of papers submitted, and the committee covered the papers with great care. My thanks to them: Robert Berwick, Massachusetts Institute of Technology; Julia Hirschberg, AT&T Bell Laboratories; Aravind Joshi, University of Pennsylvania; Janet Kolodner, Georgia Institute of Technology; Paul Martin, SRI International; Kathleen McKeown, Columbia University; James Meehan, Cognitive Systems Inc.; Sergei Nirenberg, Carnegie-Mellon University; Martha Palmer, UNISYS; C. Raymond Perrault, SRI International.

Special thanks to Dan Flickenger, Hewlett-Packard Laboratories, and Jerry Hobbs, SRI International, for organizing the Forum on Evaluating Natural Language Systems. I also wish to express my appreciation to Hewlett-Packard, Inc. for sponsoring the reception following the Forum.

This year's annual meeting could not have taken place without the organizational talents and energy of several ACL members, in particular Douglas Appelt of SRI International who was responsible for local arrangements, Paul Martin of SRI International who organized the exhibits program, and Joyce Friedman of Boston University who put together the Tutorials Program. Bill Mann, USC/Information Sciences Institute, the ACL President, has provided me with useful advice on many aspects of the program. Ivan Sag, Stanford University, was particularly helpful in co-ordinating this year's meeting with the 1987 Linguistic Institute. I also want to acknowledge the special assistance of my secretary, Rachel Moser, for invaluable organizational and secretarial help with the papers submitted.

I wish to extend a very special thanks to Don Walker, Bell Communications Research, the ACL Secretary-Treasurer. Until I became program chair, I was unaware of just how much effort Don invests at every stage of the meeting, from advertising the Call for Papers to publishing the schedule and registration information for the meeting to producing the Proceedings (as well as much, much more). This meeting could not have taken place without him.

Candy Sidner, BBN Laboratories
Chair, Program Committee
CONFERENCE PROGRAM

MONDAY MORNING, 6 JULY

9:00—1:00  TUTORIAL SESSIONS

Evaluating Natural Language Interfaces
Madeleine Bates

Knowledge-Based Machine Translation
Jaime Carbonell

The Form and Interpretation of English Intonation
Janet Pierrehumbert

MONDAY AFTERNOON, 6 JULY

2:30—5:00  FORUM: Evaluating Natural Language Systems
Dan Flickinger and Jerry Hobbs, Coordinators
Sponsored by Hewlett-Packard

TUESDAY MORNING, JULY 7

9:00—9:15  Opening remarks and announcements

9:15—10:15 INVITED TALK: Recent Developments in Speech Act Theory
C. Raymond Perrault

10:45—11:10 Temporal Ontology in Natural Language
Marc Moens and Mark Steedman

11:10—11:35 A Compositional Semantics of Temporal Expressions in English
Erhard W. Hinrichs

11:35—12:00 Situations and Intervals
Rebecca J. Passonneau

TUESDAY AFTERNOON, JULY 7

1:30—2:00  JETR: A Robust Machine Translation System
Rika Yoshii

2:00—2:25  An Environment for Acquiring Semantic Information/FR
Damaris M. Ayuso, Varda Shaked, Ralph M. Weischedel

2:25—2:50  Grammatical and Ungrammatical Structures in User-Adviser Dialogues: Evidence for Sufficiency of Restricted Languages in Natural Language Interfaces to Advisory Systems
Raymonde Guindon, Kelly Shulderg, Joyce Conner

Nelson Correa

3:45—4:10  Getting Idioms into a Lexicon Based Parser's Head
Ollivero Stock

4:10—4:35  Phrasal Analysis of Long Noun Sequences
Yigal Arens, John J. Granacki, Alice C. Parker

4:35—5:00  Constituent-Based Morphological Parsing: A New Approach to the Problem of Word-Recognition
Richard Sproat, Barbara Brunson
5:00–5:25  Predictive Combinators: A Method for Efficient Processing of Combinatory Categorial Grammars
           Kent Wittenburg
5:25–5:50  A Lazy Way to Chart-Parse with Categorial Grammars
           Remo Pareschi, Mark Steedman

WEDNESDAY MORNING, JULY 8

9:00–9:25  A Logical Version of Functional Grammar
           William C. Rounds, Alexis Manaster-Ramer
9:25–9:50  Functional Unification Grammar Revisited
           Kathleen R. McKeown, Cecile L. Paris
9:50–10:15 Characterizing Structural Descriptions Produced by Various Grammatical Formalisms
            K. Vijay-Shanker, David J. Weir, Aravind K. Joshi
10:45–11:10 On the Succinctness Properties of Unordered Context-free Grammars
           M. Drew Moshier, William C. Rounds
11:10–11:35 Context-freeness of the Language Accepted by Marcus’ Parser
           R. Nohosoor-Farshi
11:35–12:00 Semantic Structure Analysis of Japanese Noun Phrases with Adnominal Particles
           Akira Shimazu, Shozo Naito, Hirosato Nomura

WEDNESDAY AFTERNOON, JULY 8

1:30–3:00  PANEL: After 25 Years, Directions for Natural Language Processing
           Jaime Carbonell, Barbara Grosz, Mitch Marcus, Janet Pierrehumbert
           Ralph Weischedel, moderator
3:30–3:55  Nominalizations in PUNDIT
           Deborah Dahl, Martha Palmer, Rebecca Passonneau
3:55–4:20  Toward Treating English Nominals Correctly
           Richard W. Sproat, Mark Y. Liberman
4:20–4:45  The Interpretation of Tense in Discourse
           Bonnie Lynn Webber
4:45–5:10  A Centering Approach to Pronouns
           Susan E. Brennan, Marilyn W. Friedman, Carl Pollard
5:10–5:35  Now Let’s Talk About Now: Identifying Cue Phrases Intonationally
           Julia Hirschberg, Diane Litman
7:00–8:00  RECEPTION
           Rodin Gardens, Stanford University
8:00–10:00 BANQUET
           Rodin Gardens, Stanford University
           Presidential Address: William Mann

THURSDAY MORNING, JULY 9

9:00–9:25  On the Acquisition of Lexical Entries: The Perceptual Origin of Thematic Relations
           James Pustejovsky
9:35–9:50  The Logical Analysis of Lexical Ambiguity
           David Stallard
9:50–10:15 FLUSH: A Flexible Lexicon Design
           David J. Besemer, Paul S. Jacobs
10:45–11:10  *The Derivation of a Grammatically Indexed Lexicon from the Longman Dictionary of Contemporary English*  
Bran K. Boguraev, Ted Briscoe, John Carroll, David Carter, Claire Grover

11:10–12:00  **BUSINESS MEETING & ELECTIONS**  
Nominations for ACL Offices for 1988  
*President:* Alan Biermann, Duke University  
*Vice President:* Candy Sidner, BBN Laboratories  
*Secretary-Treasurer:* Donald Walker, Bell Communications Research  
*Executive Committee (1988-1990):* Bruce Ballard AT&T Bell Laboratories  
*Nominating Committee (1988-1990):* William Mann, USC/ISI

**THURSDAY AFTERNOON, JULY 9**

1:30–1:55  *Lexical Selection in the Process of Language Generation*  
James Pustejovsky, Sergei Nirenburg

1:55–2:20  *Constraints on the Generation of Adjunct Clauses*  
Alison K. Huettner, Marie M. Vaughan, David D. McDonald

2:20–2:45  *A Model for Generating Better Explanations*  
Peter van Beek

2:45–3:10  *Expressing Concern*  
Marc Luria

3:40–4:05  *Incorporating Inheritance and Feature Structures into a Logic Grammar Formalism*  
Harry H. Porter

4:05–4:30  *A Unification Method for Disjunctive Feature Descriptions*  
Robert Kasper

4:30–4:55  *Revised Generalized Phrase Structure Grammar*  
Eric Sven Ristad
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