

# The FINITE STRING Newsletter

## Program of the 1981 ACL/LSA Sessions

The ACL is sponsoring three sessions on "Computer Modeling of Linguistic Theory" in conjunction with the Annual Meeting of the *Linguistic Society of America* which will be held in New York City at the Grand Hyatt Hotel, December 28-30, 1981. All of the ACL sessions will be held on Monday, December 28. Two sessions of contributed papers will be presented, one in the morning and one in the afternoon, and an evening panel session will complete the offering of ACL/LSA sessions.

The program committee for these sessions was co-chaired by D. Terence Langendoen, *Brooklyn College and CUNY Graduate Center* and Stanley Petrick, *IBM Thomas J. Watson Research Center*. The members of the committee were Lance Miller, *IBM Thomas J. Watson Research Center*, John Moyné, *Queens College and CUNY Graduate Center*, and Naomi Sager, *NYU Courant Institute of Mathematical Sciences*.

### MONDAY, DECEMBER 28, 1981 Morning Session

#### Contributed Papers

The Formal Language Theory of Lexical Functional Grammar

Robert C. Berwick, *MIT AI Laboratory*

Coping with Syntactic Ambiguity, or How to Put the Block in the Box on the Table

Kenneth Church and Ramesh Patil,  
*MIT Laboratory for Computer Science*

Neurolinguistically Based Modeling of Natural Language Processing

Helen M. Gigley, *University of Mass./Amherst*

Phonological Rules and Finite-State Transducers

Ronald M. Kaplan and Martin Kay,  
*Xerox Palo Alto Research Center*

On the Form of the Output of the Human Sentence Parsing Mechanism

D. Terence Langendoen,  
*Brooklyn College and CUNY Graduate Center*  
John A. Moyné,  
*Queens College and CUNY Graduate Center*

The Implications of the Word HAVE

Rob Milne, *University of Edinburgh*

### MONDAY, DECEMBER 28, 1981 Afternoon Session

#### Contributed Papers

Resolution of Noun Phrase Anaphora

Ralph Grishman and Ngo Thanh Nhan,  
*New York University*

Computer Generation of Topic Paragraphs: Structure and Style

Karen Jensen, *IBM Research*  
Robert Granville, *MIT AI Laboratory*  
Ronald Ambrosio, Michael Kluger, and Amy Zwarico,  
*Hofstra University*

Morphological Analysis of Finnish By Computer

Lauri Karttunen, Rebecca Root, and Hans Uszkoreit,  
*University of Texas at Austin*

On Friedman et al's Montague Grammar Programs

Barbara Partee and Emmon Bach,  
*University of Massachusetts*

A Computational Linguistic Approach to Ungrammaticality Based on Meta-Rules

Norman K. Sondheimer, *Sperry Univac*  
Ralph M. Weischedel, *University of Delaware*

A Pattern Matching Directed Parser: PAMPS

Kuniaki Uehara and Junichi Toyoda, *Osaka University*

### MONDAY, DECEMBER 28, 1981 8:00-10:30 P.M.

#### Panel Discussion

Computer Modeling of Linguistic Theory

Stanley R. Petrick (Chairman), *IBM Research*  
Joyce B. Friedman, *University of Michigan*  
Ralph Grishman, *New York University*  
Ronald M. Kaplan, *Xerox Palo Alto Research Center*  
Mitchell M. Marcus, *Bell Laboratories*  
G. K. Pullum, *Stanford University*  
Arnold M. Zwicky, *Ohio State University*

## ACL to Sponsor Sessions at Third Office Automation Conference

The ACL will sponsor two sessions at the third annual AFIPS Office Automation Conference (OAC), to be held on April 5-7, 1982, in the Moscone Center at San Francisco, California.

Interaction between office systems and their end users ("The Human Connection") will be the primary interest of the OAC as a whole, with special emphasis being placed on usable and practical aspects of office automation systems. Increased participation by industry — including banking, manufacturing and insurance — is expected at the conference. A wide range of equipment will be exhibited.

The two ACL-sponsored, 90-minute panel discussions are being organized by Lance Miller, *IBM Research*. They will address automated natural language processing in the office and the impact which such processing has on user interface, usability, and function. A short description of each session follows: