

**Processing and Generating Text Using Machine-Readable Dictionaries.** Machine readable dictionaries are already being used as a basis for simple text-handling tasks like spelling correction, hyphenation, and automatic generation of simple business letters. More complex dictionaries are being designed for natural language processing systems capable of understanding and generating sophisticated texts. This session describes current applications in office automation, research in lexical semantics, and our visions of the dictionary of the future.

The session was organized by Martha Evens, *Illinois Institute of Technology*, and will be chaired by her. It will consist of:

Computational Lexicology - A Research Program  
Robert Amsler, *SRI International*

Use of Webster's Seventh Collegiate Dictionary to Construct a Master Hyphenation List  
James L. Peterson, *University of Texas at Austin*

The Future of the Dictionary and the Dictionary of the Future  
Martin Kay, *Xerox PARC*

Relations Extracted from Machine-Readable Dictionaries for Building a Text Generator  
Raoul N. Smith, *GTE Laboratories*

**Natural Language Help Systems.** Intelligent help facilities can contribute significantly to the usability of sophisticated interactive systems. To handle the wide variety of queries that will be posed to such a system, a flexible interface is necessary. Since English provides such flexibility and is already familiar to users, it is attractive as an interface language. This session will explore issues in both the design of flexible help systems and the use of English for communicating with such systems.

The session was organized by Elaine Rich, *University of Texas at Austin*, and will be chaired by Robert Fenchel, *Xerox Corporation*. It will consist of:

Uniform Help Facilities for a Cooperative User Interface  
Philip Hayes, *Carnegie-Mellon University*

Natural Language Help in the Consul System  
Bill Mark, *Information Sciences Institute*

Programs as Data for Their Help Systems  
Elaine Rich, *University of Texas at Austin*

Discussant  
Lynn Price, *Calma*

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## Call for Papers - Applied Natural Language Processing Conference

A Conference on Applied Natural Language Processing will be held February 1-3, 1983, in Santa Monica, California, sponsored by the Association for Computational Linguistics and the Naval Research Laboratory. This special conference will focus on the use of computational linguistic techniques in solving real world problems, and will be limited to 300 participants. Original papers on the use of computational linguistic techniques are being solicited in the areas of:

- data, information and knowledge management
- training and education
- language translation technology
- speech recognition and synthesis technology

The papers should discuss applications, evaluations, limitations, and general tools and techniques. Papers describing end-users' experience with these technologies are especially welcome.

Six copies of an extended summary of five to eight pages, double spaced, should be sent by August 15, 1982 to:

Beatrice Oshika MD 72-27  
System Development Corporation  
2500 Colorado Avenue  
Santa Monica, California 90406

It is important that the summary identify distinctive aspects of the work and clearly indicate to what extent the work is complete and has been implemented.

Summaries will be reviewed by the Conference Committee. Notification of acceptance of papers will be sent by September 15, 1982. For inclusion in the Conference Proceedings, final versions of papers must be received by November 15, 1982. Authors of accepted papers will be expected to sign a copyright release form. Limited travel funds for authors will be available.

Facilities for product and system demonstrations will be available, including videotape equipment. Short papers describing planned demonstrations and types of equipment required should be submitted by November 15, 1982. Additionally, tutorials and panel sessions are planned.

The Conference Committee consists of: Iris Kamey, *System Development Corporation* (General Chair), Beatrice Oshika, *System Development Corporation* (Program Chair), Don Walker, *SRI International* (Secretary-Treasurer), Christine Montgomery, *Operating System Division, Logicon*, Ray Perrault, *University of Toronto*, Jane Robinson, *SRI International*, and Norm Sondheimer, *Sperry Univac*.