# PROCEEDINGS.

## 13TH ANNUAL MEETING

### Association for Computational Linguistics

5: MODELING DISCOURSE AND WORLD KNOWLEDGE II. AND TEXT ANALYSES

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#### PREFACE

The fifth and final ACL session was split into two subsessions: one continued the treatment of discourse structure and general knowledge begun in session 4; the other provided a look at several automated text analysis systems. Georgette Silva kindly chaired both subsessions.

Only five of the six talks given are represented in this Proceedings. The paper detailing Salton's talk on automatic indexing was far too extensive to be included on this fiche and hence will be published separately. The paper by Klappholz and Lockman discusses the problems involved in the resolution of cross-sentential reference and sketches an algorithm for their solution. (Note the closely related paper by Deutsch in Session 4.) Rosenschein addresses the problem of restricting the generation of inferential propositions given a set of beliefs and proposes a structural constraint upon inferencing. Beckles et al. present a man-machine approach to the description of idiolect variations in an environment extraordinarily complex linguistically and sociologically. Brill and Oshika describe a set of programs which permit both batch and interactive processing of orthographic and phonological strings to provide information on frequency, contextual variation, and associational relations. Anderson, Bross, and Sager present a theory of linguistic compression in written texts and describe the results of an implementation of that theory.

Timothy C. Diller, Program Committee Chairman

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