

## Division of Chemical Literature Program

149th National ACS Meeting, Detroit, Mich., April 4-9, 1965

### TUESDAY (April 6, 1965)

#### Symposium on Current Applications of Mechanized Procedures for Handling Chemical Information

Kenneth H. Zabriskie, Jr. Presiding

- 9:00- Kenneth H. Zabriskie, Jr. Introductory Remarks.
- 9:15- 1. B. B. MORPHIS, N. Torbet, W. W. Hunter, F. K. Broome. Computer Interpretation of Biological and Chemical Data.
- 9:45- 2. DONALD P. LEITER, JR., Harry L. Morgan, Robert E. Stobaugh. Installation and Operation of a Registry for Chemical Compounds.
- 10:15- Discussion.
- 10:30- 3. R. J. SKWIERTZ, G. T. Tuttle. Effect of New Methods of Computer Organization on Information Systems.
- 11:00- 4. ARNOLD LAZAROW, Elmo H. Brekhus, Donald C. Norris. Statistical Vocabulary Analysis of Whole Text in Bio-medical Information Retrieval.
- 11:30- Discussion.
- 2:00- 5. Calvin N. Mooers. Application of the Reactive Typewriter Concept.
- 2:30- 6. RICHARD A. BOLT, Scott I. Allen, John W. Webb. An On-Line Retrieval System.
- 3:00- Discussion.
- 3:15- 7. PAUL HOROWITZ, Graydon L. Loomis, George L. Covert. A System for Storing and Retrieving Spectral Data by Computer at the Eastman Kodak Company.
- 3:45- 8. ARTHUR W. ELIAS, Eugene Garfield, Gerald H. Foeman, G. Revesz. Mechanization of Chemical Information Publications and Services.
- 4:15- 9. Herbert J. Ziegler. Slotted Punch-Cards of Organic Chemistry for the Laboratory.
- 4:45- Discussion.

### WEDNESDAY (April 7, 1965)

#### General

Alan Gelberg, Presiding

- 9:00- Alan Gelberg. Introductory Remarks.
- 9:05-10. JAMES W. PERRY, Susan E. Hartdegen, Richard M. DeSantis. Information Theory in the Design of Document Selection Systems.
- 9:35-10. Jeremiah F. Harrington, PAUL T. O'DAY, Donald W. King. A Decision Model for Demand Prediction of Government Research and Development Reports.
- 10:00-12. J. M. CRETOS, J. W. Evans, P. D. Vachon. Evaluation of Semantic and Coding Designs of an Information Retrieval System Based on Superimposed Coding.
- 10:25-13. MARSHALL C. ROGERS, S. Arthur Shelley. Information System for Customer Telephone Inquiries.

- 10:50-14. Charles E. Granito, E. A. METCALF. The Chemical and Biological Industrial Liaison Program.
- 11:15-15. Allen Kent. NASA Information Spin-Off Program at the University of Pittsburgh.
- 11:40-16. Peter M. Bernays, Kenneth L. Coe, JAMES L. WOOD. A Computer-Based Source Inventory of CA Abstracts.
- 12:30- Divisional Luncheon.
- 2:00- Alan Gelberg. Introductory Remarks.
- 2:10-17. R. L. Scott, R. V. CUDDIHY. Factors Leading to the Selection of an Optical Coincidence-Microfilm Information Retrieval System.
- 2:35-18. E. A. Janning, P. KOKOROPOULOS. Handling of Organic Compounds—One Solution Among Hundreds.
- 3:00-19. Thomas P. Fleming. The Parkinson's Disease Information and Research Center.
- 3:30-20. Julian F. Smith, Malcolm M. Anderson, Jeannine Baconcini, Harry B. Hoggins, III, Hermann Vieweg, T. E. R. SINGER. Translating Patentese into English.
- 3:55-21. MALCOLM M. ANDERSON, Jeannine Baconcini, V. Filippi, B. Wolff. Interpreting Foreign Language Chart Legends.
- 4:20- Divisional Business Meeting.

### THURSDAY (April 8, 1965)

#### Symposium on Work and Time Studies in Technical Information

Stephen J. Tauber, Presiding

- 9:00- Stephen J. Tauber. Introductory Remarks.
- 9:05-22. Donald W. King. Experimental Designs in Work and Time Studies.
- 9:25- Discussion.
- 9:30-23. James W. Ramey. What Price Scientific Information?
- 9:50- Discussion.
- 9:55-24. CHARLES E. GRANITO, John E. Schultz, Gerald W. Gibson, Alan Gelberg, R. J. Williams, E. A. Metcalf. Rapid Structure Searches Via Permuted Chemical Line-Notations (III). A Computer-Produced Index.
- 10:20- Discussion.
- 10:25-25. C. W. SHILLING, Joe W. Tvson. A Time/Cost Analysis of Bibliography Production.
- 10:45- Discussion.
- 10:50-26. F. R. Wetsel. Time Studies in Producing Subject Indexes for *Chemical Abstracts*.
- 11:10- Discussion.
- 11:15-27. JUNE R. CORNOG, Pamela P. Ellis. Patterns of Thinking in Searching Patent Applications by Manual and by Machine-Assisted Methods.
- 11:35- Discussion.
- 2:00- Open Meeting of Committee on Chemical Documentation.

Helen F. Ginsberg, Presiding