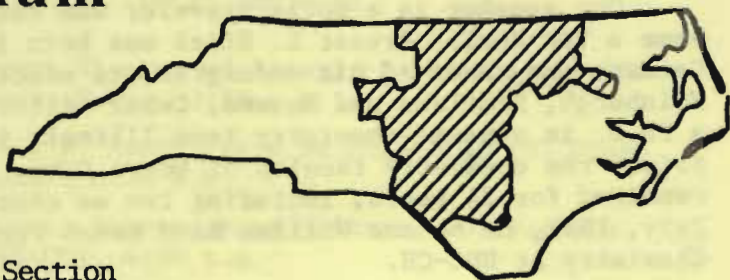


Tar^{He}lium



North Carolina Section
AMERICAN CHEMICAL SOCIETY

Vol. IV, No. 6

Raleigh, N. C.

March, 1974

"THE INFORMATION EXPLOSION --
WHAT CAN BE DONE ABOUT IT?"

Speaker: Ernest L. Eliel
University of North Carolina
Chapel Hill, North Carolina

Date: Thursday, March 7, 1974

Place: Faculty Club
North Carolina State University
Raleigh, North Carolina

Time: 5:30 Happy Hour
6:30 Dinner
8:00 Lecture

Our speaker is a world traveler who recently became a Tar Heel. Ernest L. Eliel was born in Cologne, Germany and received his undergraduate education in Edinburgh, Scotland and Havana, Cuba. After receiving a Ph.D. in organic chemistry from Illinois in 1948, he joined the chemistry faculty at Notre Dame. There he remained for 24 years, including two as chairman. In July, 1972, he became William Rand Kenan Professor of Chemistry at UNC-CH.

Dr. Eliel's principal research interests are in stereochemistry, conformational analysis and organo-sulfur chemistry. In addition to publishing more than 150 papers, he is author of the books "Stereochemistry of Carbon Compounds" and "Elements of Stereochemistry," coauthor of "Conformational Analysis" and coeditor of "Topics in Stereochemistry."

He is a member of the National Academy of Sciences and has received many other awards. He has also given numerous, world-wide invited lectures.

Very active in ACS affairs, Dr. Eliel is a Council member, with service on several committees. Presently he is chairman-elect of the Division of Organic Chemistry.

"The Information Explosion --
What Can Be Done About It?"

by Ernest L. Eliel

Statistics on the information explosion will be presented and some of its causes will be examined. The potentially deleterious effect of the swelling publication torrent on the journals program of the ACS will be discussed and some possible remedies suggested. The lecture will also deal with Chemical Abstracts services, current awareness information profiles and the prognosis for retrospective literature searching by computer.

LOCAL SEMINARS

- Mar. 1 Robert Shepard of Lederle Laboratories, 103 Gross (Duke), 3:30 p.m.
- Mar. 8 James B. Hendrickson of Brandeis, 103 Gross (Duke), 3:30 p.m.
- Mar. 28 Anthony Robertson of Chicago, 207 Venable (UNC-CH), 4:00 p.m.
- Apr. 1 "Reflections on Thermodynamics," Laszlo Tisza of MIT, 124 Dabney (NCSU), 4:10 p.m.
- Apr. 5 A Minisymposium on "Chemical Aspects of Evolution." Speakers: Hans Kuhn of Max-Planck-Institut fur Biophysikalische Chemie; Cyril Ponnampereuma of Maryland; Anthony Robertson of Chicago. 207 Venable (UNC-CH), afternoon and evening.
- Apr. 11 Allan MacDiarmid of Pennsylvania, 207 Venable (UNC-CH), 4:00 p.m.
- Apr. 12 Short Courses in photoelectron spectroscopy;
& 13 molecular orbital theory; conformational analysis; computer applications in chemistry; mass spectra; and chemical applications of symmetry. (UNC-CH). Contact Maurice Bursey at Chapel Hill for further details.
- Apr. 15 "Applications of Mass Spectrometry to Biochemical Problems," Henry M. Fales of the National Institute of Arthritis and Metabolic Diseases, 124 Dabney (NCSU), 4:10 p.m.
- Apr. 18 David Buckingham of the Australian National U., 207 Venable (UNC-CH), 4:00 p.m.
- Apr. 19 J. D. Winefordner of Florida, 103 Gross (Duke), 3:30 p.m.
- Apr. 24 NEXT ACS SECTION MEETING
Henry W. Morgan of Oak Ridge National Laboratory will speak at Duke on "Coherent Light and Holography."

EXECUTIVE COMMITTEE

Richard J. Thompson (EPA), Chairman
Maurice Bursey (UNC), Ch.-Elect
Suzanne T. Purrington (Peace), Sec.-Treas.
Charles N. Reilly (UNC), Councilor
Marcus Hobbs (Duke), Councilor
William P. Utermohlen, Councilor
Keith Lawson (Chemstrand), Alt. Councilor
Richard Gilbert (NCSU), Alt. Councilor
Gilbert Long (NCSU), Alt. Councilor
Halbert Carmichael (NCSU), Past Chairman
Peter Smith (Duke), Past Chairman
Vivian Stannett (NCSU), Past Chairman

COMMITTEE CHAIRMEN

Awards - Colin Pitt (RTI)
Education - James Bonk (Duke)
Hospitality - Charles C. Moreland (NCSU)
Membership - Maurice Bursey (UNC-CH)
Program - Richard J. Thompson (EPA)
Publications - Halbert H. Carmichael (NCSU)
Safety - Richard J. Thompson (EPA)

TARHELIUM is published by the North Carolina Section of the American Chemical Society. The views expressed herein are not necessarily those of the Section. Direct all correspondence to Dr. Monica Nees, Editor, c/o N. C. Science and Technology Research Center, P. O. Box 12235, Research Triangle Park, N. C. 27709

NON-PROFIT ORG.
U. S. POSTAGE PAID
RALEIGH, N. C.
PERMIT NO. 491

Dr. Halbert C. Carmichael
Dept. of Chem.
N.C.State Univ.
Raleigh, N.C. 27607