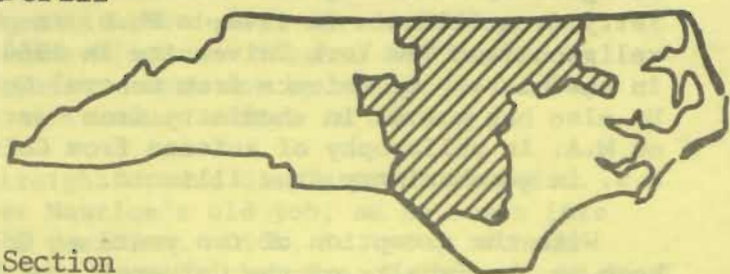


Tar^{He}lium



North Carolina Section
AMERICAN CHEMICAL SOCIETY

Vol. IV, No. 4

Raleigh, N. C.

December 1973

"PHOTOELECTRON SPECTROSCOPY"

- Speaker: George K. Schweitzer
The University of Tennessee
Knoxville, Tennessee
- Date: Monday, December 17, 1973
(note change of date)
- Place: Raleigh, North Carolina
- Time: 5:30 Happy Hour
College Inn
Western Boulevard, Raleigh, N. C.
- 6:30 Dinner (Steak, \$6.52 total)
College Inn
- 8:00 Lecture
Room 124 Dabney, NCSU

Dr. George K. Schweitzer has a most unusual academic background, including three doctorates: a Ph.D. in chemistry from Illinois in 1948, a Ph.D. in philosophy of religion from New York University in 1964, and an Sc.D. in the history of science from Central College in 1964. He also has a B.A. in chemistry from Central College, an M.A. in philosophy of science from Columbia and an M.S. in geochemistry from Illinois.

With the exception of two years at Columbia, he has been on the faculty of the University of Tennessee at Knoxville since 1948. In 1970 he attained his present position as Alumni Distinguished Service Professor of Chemistry.

In addition to more than 100 research papers in inorganic and radiochemistry, Dr. Schweitzer has written two books, "Radioactive Tracer Techniques" and "The Doctorate", and many papers and essays on the philosophies of religion and science. He has lectured on science, philosophy and religion on some 400 campuses and to numerous educational, civic, business and professional organizations.

"Photoelectron Spectroscopy"

by George K. Schweitzer

The newly-formed and rapidly-developing discipline of photoelectron spectroscopy will be discussed. After a brief treatment of its basic principles, various types of instruments for photoelectron spectroscopic measurements will be treated. Then, a fairly wide variety of applications in different branches of chemistry will be given. Particular attention will be paid to chemical bonding with special reference to the insights of molecular orbital theory.

NEXT MEETING: Thursday, January 24, 1974

To be held in Raleigh

S. Y. Tyree of William and Mary will be the speaker.

BURSEY, PURRINGTON ELECTED UNANIMOUSLY

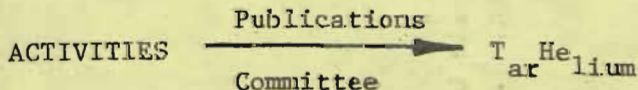
In our November elections, Maurice Bursey was chosen as Chairman-Elect and Suzanne Purrington as Secretary-Treasurer. Both won by unanimous land-slides! They will assume office in January.

It is a straightforward displacement reaction. Suzy takes over Maurice's old job, as he moves into Dick Thompson's position. Dick, in turn, becomes Chairman, with the present chairman, Halbert Carmichael going into well-earned "retirement".

MORE SECTION NEWS

The ACS has started a new program in which selected members are assigned as advisors on chemically related matters to U. S. Congressmen. Marcus Hobbs of Duke is serving as counselor to Representative Ike Andrews and Charles Reilley of UNC-CH to Representative L. H. Fountain.

Jim Bonk of Duke has been appointed chairman of the Education Committee, which is charged with assisting the science programs in the secondary schools in our area.



You were forewarned! On October 17, by unanimous vote of the Publications Committee (Halbert Carmichael, Monica Nees, Art Diesing and Bob Ghirardelli), the Great Transformation took place. We hope you agree that the new name of our newsletter better reflects both our Chemical Connection and our geographical location. (Please note that the arrow indicates an irreversible reaction!)

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AMERICAN CHEMICAL SOCIETY

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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

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