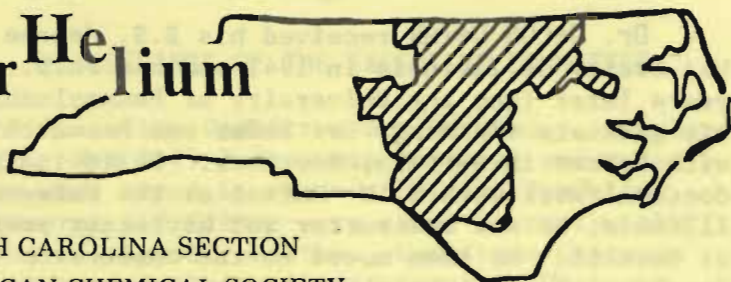


# Tar Helium



NORTH CAROLINA SECTION  
AMERICAN CHEMICAL SOCIETY

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Vol. 8, No. 6

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## MOLECULAR MECHANICS

Speaker: Dr. DeLos F. DeTar  
Florida State University  
Tallahassee, Florida

Date: Tuesday, February 14, 1978

Place: University of North Carolina  
Chapel Hill, North Carolina

Time: 5:30 Happy Hour  
Tiffany Room, Holiday Inn  
15-501 Bypass at Eastgate  
Chapel Hill

6:30 \*Dinner  
Tiffany Room, Holiday Inn  
(\$6.00-full members; \$3.00 student  
& affiliate members)

8:00 Lecture  
308 Venable Hall

\* Please make reservations by Friday, February 10, 1978. Call: Sue Hester at 966-1566 in Chapel Hill, Bill Gutknecht at 684-2414 in Durham or Linda Hill at 737-2548 in Raleigh.

Dr. DeLOS DeTAR received his B.S. degree from the University of Illinois in 1941 and his Ph.D. three years later from the University of Pennsylvania. After his graduate training, Dr. DeTar was Research Chemist with DuPont in Buffalo, New York. Following post-doctoral work with C. S. Marvel at the University of Illinois, he was instructor and assistant professor at Cornell. He then moved to the University of South Carolina where he held positions of associate professor and professor of chemistry. After a NSF Senior Post-doctoral Fellowship at Harvard, Dr. DeTar was a Visiting Professor of Chemistry at the University of California, Berkeley. Since 1960, Dr. DeTar has been Professor of Chemistry with a joint appointment in the Department of Chemistry and the Institute of Molecular Biophysics at Florida State University.

Dr. DeTar's research interests have included studies in acid-base catalysis in aprotic solvents, of steric acceleration and hindrance. He has been particularly active in application of computing techniques to chemical research and has developed new techniques in molecular mechanics. Currently he is also working on enzyme-substrate interactions.

### FIRST SPRING SHORT COURSE

Registration forms for the spring short course on Digital Electronics and Computer Interfacing were enclosed in the January issue of the TarHelium. Registration deadline is February 7, 1978. Classes will begin February 14, 1978. Return registration material and payment to:

Dr. Forrest W. Getzen  
Treasurer, North Carolina Section ACS  
% Department of Chemistry  
North Carolina State University  
Raleigh, North Carolina 27607

## PROCEEDINGS OF THE EXECUTIVE COMMITTEE

The Executive Committee met on Monday, January 16, 1978. The 1977 Budget was reviewed and major overruns were noted in the cost of the TarHelium. The Treasurer and Editor were asked to review the costs and recommend remedies. Committee Chairmen were announced including appointment of Chairman for a Budget Committee and a 1984 Committee. The latter committee will investigate the feasibility of holding the 1984 Regional meeting in the Section. Dr. Palmer reported changes in the February program as noted elsewhere in this Issue. The Executive Committee will meet again on February 14 to review the proposed 1978 budget.

## POLYMER SUBGROUP

The Polymer Subgroup has been forced to cancel its February meeting. The March meeting will be held jointly with the Section. Dr. Murray Goodman will speak at this meeting on March 21, 1978.

I proudly announced to my class that in 1962 my organic laboratory was one of the first to use routinely IR spectroscopy for qualitative analysis. Expecting them to be amazed at the recent advent of chemical instrumentation, I was crushed; they were not impressed.

## AREA SEMINARS

NCSU, 4:00 p.m., Room 124 Dabney Hall

\*Feb 13 Dr. J. M. Pochan, Xerox Research Corporation  
 "The Xerographic Process-Examples of the Relationship between Technology and Basic Research"

Feb 27 Dr. Peter Sturrock, Georgia Institute of Technology  
 "Square-Wave Polarography"

DUKE, 3:30 p.m., Room 130 Gross Chemical Laboratory

Feb 10 Dr. I. D. Kuntz, University of California, San Francisco  
 "Models for Protein Structure"

Feb 17 Dr. Kevin Potts, Rensselaer Polytechnic University  
 "Heterocyclic Ylides as Synthetic Intermediates"

Feb 24 Dr. Peter Sykes, Cambridge University  
 "Action of Nucleophiles on Azolium Systems"

\*\*Mar 1 Dr. F. A. Cotton, Texas A & M University  
 "What's Really New in Coordination Chemistry Since Alfred Werner?"

\* First annual Industrial Research Lecture sponsored by Phi Lambda Upsilon will be held at 8:00 p.m. in 124 Dabney Hall.

\*\* Douglas G. Hill Memorial Lecture

### EXECUTIVE COMMITTEE

Richard Palmer (*Duke*), Chairman  
Eric Wiechert (*Cutter*), Chairman-Elect  
Kathryn MacLeod (*EPA*), Secretary  
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