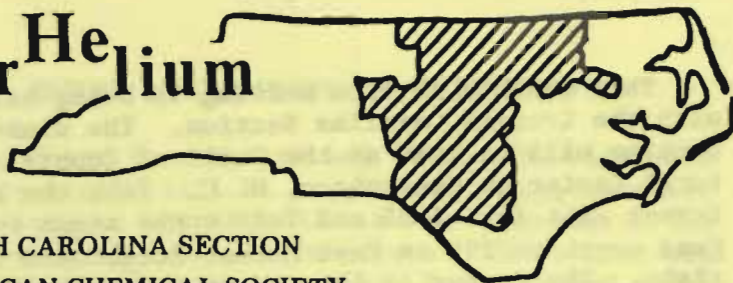


Tar Helium



NORTH CAROLINA SECTION
AMERICAN CHEMICAL SOCIETY

Vol. 10, No. 2 Raleigh, N.C. October, 1979

"¹³C MINI SYMPOSIUM"

Speakers: Dr. Peter Klein
 Argonne National Laboratory

 Dr. Frank Ivy Carroll
 Research Triangle Institute

 Dr. Dan Knapp
 Medical University of South Carolina

Date: Tuesday, October 9, 1979

Place: Guilford County Agricultural Center
 Greensboro, North Carolina

Time: 6:00 *Dinner
 Guilford Cnty. Ag. Cntr.

 7:30 Lectures
 Guilford Cnty. Ag. Cntr.

*Dinner will cost approximately \$4.50 for full members and half price for student members. Please make reservations by 12:00 noon on Friday, October 5, 1979. Call Sue Hester at 966-1566 in Chapel Hill, Terry Laing at 684-2414 in Durham or Linda Archer at 737-2548 in Raleigh. Directions to the Guilford County Agricultural Center are given on the inside cover.

This month's Section meeting is being held jointly with the Central Carolina Section. The dinner and meeting will be held at the Guilford County Agricultural Center in Greensboro, N. C. Take the Lee Street exit from I-85 and follow the signs to US 29N. Head north on 29N to East Market Street and turn right. The Center is located on the left just past the Bessemer Street intersection with East Market.

The three speakers scheduled are Dr. PETER KLEIN from Argonne National Laboratories, Dr. FRANK IVY CARROLL from the Research Triangle Institute, and Dr. DAN KNAPP from the Medical University of South Carolina. Dr. Klein's presentation is "An Overview of ^{13}C and Its Uses." Dr. Carroll will then speak on "Applications of NMR in ^{13}C Use" and Dr. Knapp will speak on "Applications of Mass Spectroscopy in ^{13}C Use". The presentations will be followed by a panel discussion lead by the three speakers.

1984 BUTTONS AVAILABLE FOR ROANOKE

At the Southeastern Regional Meeting in Roanoke in October, the North Carolina Section will bid to host the Regional Meeting in 1984. To promote this bid campaign, buttons saying Raleigh 1984 are being prepared. Would anyone going to Roanoke please contact Peter Smith, Maurice Bursey, Monica Nees, or Halbert Carmichael to obtain a supply of buttons. Monica can be reached at 549-0671.

IZYDORE APPOINTED TREASURER

Mr. Art Diesing, Treasurer of the Section, has accepted a position with Brown and Williams Tobacco Company in Louisville, Kentucky. His resignation was accepted with regrets. In accordance with section bylaws, the executive committee has appointed Dr. Robert Izydore of North Carolina Central University to fill the unexpired term until the fall elections.

RECENT DEVELOPMENTS IN SPECTROSCOPY

The Fall Short Course entitled "Recent Developments in Spectroscopy" will be taught on Friday, November 2 and Saturday, November 3 at the Dreyfus Auditorium at the Research Triangle Institute. The course will be taught at a level appropriate for a second semester chemistry graduate student.

Each of the three sessions will be taught by a different instructor:

"Spectroscopy of Surfaces" by Richard W. Linton, Assistant Professor of Chemistry, UNC-CH.

"Atomic Spectroscopy in Flames and Plasmas" by Charles B. Boss, Assistant Professor of Chemistry, NCSU.

"Uses of Lasers in Spectroscopy" by M. Keith DeArmond, Professor of Chemistry, NCSU.

Because of an early TAR HELIUM deadline, registration materials will be distributed somewhat differently than in the past. Copies of the course description and registration information will be mailed on October 1 to the chemistry department offices at Duke, UNC-CH, and NCSU. Dr. Monroe Walls' office at RTI will also receive the material and distribute it throughout Research Triangle Park. If you are unable to obtain registration materials *via* one of these sources, please telephone Dr. Kenneth Harck at NCSU (737-2947 or 737-2945) and the material will be mailed to you.

The registration deadline will be Friday, October 19, 1979. The fee will be \$40 for ACS members and \$50 for non-members.



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AREA SEMINARS

- Oct 11 Dr. DAVID HENRY, Burroughs Wellcome Company, "Helical DNA as a Drug Receptor Site," 11:00 a.m., Room 308 Venable Hall, UNC-CH.
- 12 Dr. L. ANDREWS, University of Virginia, "Spectroscopy of Matrix-Isolated Molecule Ions," 3:30 p.m., Room 130 Gross Chemical Laboratory, Duke.
- 19 Dr. J. M. McBRIDE, Yale University, "Spectroscopy and Rearrangements of Organic Triplets in Pure Solids," 3:30 p.m., Room 130 Gross Chemical Laboratory, Duke.
- 22 Dr. MICHAEL POPE, Georgetown University, "Structures and Chemistry of Heteropoly and Isopolyanions," 3:30 p.m., Room 220 Dabney Hall, NCSU.
- 25 Dr. RALPH A. BRADSHAW, Washington University, "Structure, Function, and Mechanism of Insulin-Related Growth Factors," 11:00 a.m., Room 308 Venable Hall, UNC-CH.
- 31 Dr. JAMES A. IBERS, Northwestern University, "Modeling of Metal Ion Coordination Sites in Biomolecules," Venable Lecture, 8:00 p.m., Room 207 Venable Hall, UNC-CH.
- Nov 2 Dr. J. SIMONS, University of Utah, "Recent Development in Negative Ion Chemistry," 3:30 p.m., Room 130 Gross Chemical Laboratory, Duke.
- 5 Dr. CARL TRINDLE, University of Virginia, "Spin and Stereochemistry of Forbidden Reactions," 3:30 p.m., Room 220 Dabney Hall, NCSU.
- 9 Dr. JAN MICHALSKI, Polish Academy, Topic to be announced, 3:30 p.m., Room 130 Gross Chemical Laboratory, Duke.

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