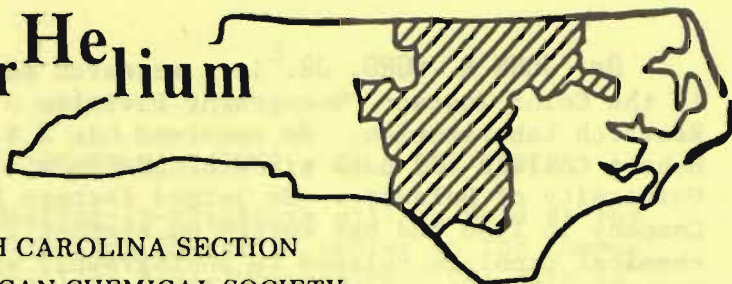


Tar Helium



NORTH CAROLINA SECTION
AMERICAN CHEMICAL SOCIETY

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Raleigh, N.C.

March 1979

"CHEMISTRY AND COLOR PHOTOGRAPHY"

Speaker: Dr. John A. Ford, Jr.
Eastman Kodak Co.

Date: Tuesday, March 20, 1979

Place: Duke University
Durham, North Carolina

Time: 5:30 Happy Hour
Old Trinity Room
Duke Student Union

6:30 *Dinner
Old Trinity Room
Duke Student Union (\$6.75-full
members; half price-students)

8:00 Lecture
103 Gross Chemical Laboratory

*Please make reservation by Thursday, March 15, 1979. Call Sue Hester at 966-1566 in Chapel Hill, Terry Laing at 684-2414 in Durham or Linda Hill at 737-2548 in Raleigh.

Dr. JOHN A. FORD, JR. is a research associate in the Color Instant Photography Division of Kodak Research Laboratories. He received his B.S. from Hobart College and both his M.S. and Ph.D. from the University of Delaware. He joined Eastman Kodak Company in 1958 and has worked on synthetic organic chemical problems related to photographic systems. He has authored or coauthored 8 papers and holds individually or jointly 34 U.S. and Foreign Patents. He is a member of Phi Beta Kappa and Sigma Xi.

* * *

The presentation will review principles of additive and subtractive color mixing. The discussion will examine the role of chemistry in the use of these principles to form color photographs by processes involving imagewise formation, destruction, or diffusion of dyes. Emphasis will be upon the newer instant color photographic systems.

JOB OPENING FOR INFORMATION SPECIALIST

Master's degree in chemistry, or the equivalent, for a full-time position involving computerized and manual literature searching in chemistry and related areas. Knowledge of polymer and analytical chemistry, interest in the business aspects of science and technology, industrial experience, and extensive on-line search experience preferred.

For additional information, contact Dr. Monica Nees, Manager, Technical Operations, North Carolina Science and Technology Research Center, P. O. Box 12235, Research Triangle Park, N. C. 27709. Telephone: (919) 549-0671.

MEETING-IN-MINIATURE - CALL FOR PAPERS

The Meeting-in-Miniature will be held at the McKimmon Extension Education Center on the campus of North Carolina State University. The date is Tuesday, April 17, 1979. The Plenary Lecturer will be Dr. Rod O'Conner from Texas A & M.

Application material is enclosed. The deadline for titles is Tuesday, March 20, 1979. Please respond early to facilitate preparing the complete program for the April issue of the TarHelium.

Contributions from both academic and nonacademic laboratories are encouraged. If one of the co-authors is a student, he is encouraged to present the paper. A poster session will again be held if there is sufficient interest. Presentations should be limited to 15 minutes.

SHORT COURSE ON CHEMICAL TOXICOLOGY PLANNED

The Education Committee is organizing a short course on chemical toxicology for May. Look for details in the April TarHelium.

APPLICATION
 Meeting-in-Miniature
 Tuesday, April 17, 1979
 McKimmon Extension Education Center
 North Carolina State University

Author(s): _____

Position(s): _____

Presented by: _____

Institution: _____

Title of Paper: _____

Section:	Analytical: _____	Inorganic: _____
	Biochemical: _____	Organic: _____
	Chemical Education: _____	Physical: _____
		Polymer: _____

Type: Regular Session Only: _____
 *Either Regular or Poster Session: _____
 *Poster Session Only: _____

Type of Projector (if any): _____

*If sufficient interest is shown, a poster session will be added to this year's program.

Application Deadline: Tuesday, March 20, 1979

Mail to: Dr. Forrest W. Getzen
 Department of Chemistry
 North Carolina State University
 Raleigh, North Carolina 27650

AREA SEMINARS

- Mar 12 Dr. H. JAFFE, University of Cincinnati, "Theoretical Calculation of UV Spectra of Organic Compounds," 4:00 pm, Room 124 Dabney Hall, NCSU.
- 14 Dr. DAVID A. EVANS, California Institute of Technology, "Studies Directed Towards the Total Synthesis of Natural Products," 11:00 am, Room 308 Venable Hall, UNC-CH.
- 20 Dr. JOHN A. FORD, Kodak, "Chemistry and Color Photography," ACS Lecture, 8:00 pm, Room 103 Gross Chemical Laboratory, Duke.
- 21 Dr. PAUL J. FLORY, Stanford, "The Spatial Configuration of Macromolecules," Hill Memorial Lecture sponsored by the Alpha Pi Chapter of Phi Lambda Upsilon and by Duke University, 4:00 pm, Room 103 Gross Chemical Laboratory, Duke.
- 23 Dr. T. A. SPENCER, Dartmouth College, " α Proton Abstraction via Iminium Ion Formation," 3:30 pm, Room 103 Gross Chemical Laboratory, Duke.
- Apr 6 Dr. M. D. JOHNSON, University College London, "Cobalt II and the Search for Homolytic Displacement at Carbon," 3:30 pm, Room 103 Gross Chemical Laboratory, Duke.
- 9 Dr. W. T. MORELAND, Pfizer, "The History of the Drug Minipress," Phi Lambda Upsilon Lecture, 4:00 pm Dabney 124, NCSU.

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