

THE COBLENTZ SOCIETY NEWSLETTER

Mailing No. 49

February 1, 1971

I. Election Results

New members of the Board of Managers are Dr. Robert P. Bauman, University of Alabama, and Dr. Kermit B. Whetsel, Tennessee Eastman Co. Dr. Bauman is well known for his book, "Absorption Spectroscopy"; Dr. Whetsel is recognized as an authority on chemical spectroscopy in the near infrared as well as the mid-infrared region, and has been active in ASTM E-13 committee work. We welcome both these well-known spectroscopists to the Board.

II. Coblentz Membership Meeting

The annual meeting of the general membership of the Coblentz Society will be held on Wednesday, March 3, at 5 p.m. in Room 235-B of the Cleveland Convention Center. This schedule represents a departure from the traditional Thursday evening membership meeting; it is hoped that by avoiding conflict with other conference activities, the Society can have a better representation of its membership attending.

III. Coblentz Symposium at Cleveland

The topic of this year's symposium to be held at 1:30 p.m. on Thursday afternoon, March 4, is "Infrared Interferometry." The Coblentz Award will also be presented to Dr. Clive H. Perry of Northeastern University at this time. The complete program is:

Awardee paper - "Infrared and Raman Spectra of Solids"
- Clive H. Perry

"Interferometric Spectroscopy for Far Infrared Wavelengths"
- H. A. Gebbie

"Digital Data Acquisition and Processing of Interferograms Generated by a Fourier Transform Spectrometer: Basic and Practical Consideration"
- Gary Horlick

"Some Uses of Fourier Transform Spectroscopy"
- M. J. D. Low

IV. Advanced Infrared Techniques Clinic

Hurry, hurry, hurry! The registration deadline has been extended to February 15, but prompt action on your part is needed if you wish to attend. The purpose of the Clinic is to provide a workshop experience in which the advanced spectroscopist can optimize his techniques, sharpen his interpretive eye, and consult individually with the faculty members on his knotty infrared problems.

The Clinic will be an all-day session, scheduled for Friday, March 5. A fee of \$60 per student is charged. Registration

should be completed at once with

Dr. R. W. Hannah, Secretary, The Coblenz Society
c/o The Perkin Elmer Corporation
761 Main Avenue
Norwalk, Connecticut 06852

V. Correction

The article on Norman Wright, one of the Coblenz Society founders, is in Research/Development 21, p. 75 (October 1970).

VI. Do Pay Your Due Dues

Your volunteer unpaid secretary and your volunteer unpaid mailing editor would be most appreciative if members would pay their dues promptly. Many extra hours of work and non-trivial expenses are involved every year in trying to collect delinquent dues. If you find it necessary to resign, please notify the secretary.

VII. What's Wrong With This Spectrum?

Answer to the problem in Mailing No. 47 - the correct answer was sent in by Hugh A. Six of the Xerox Corporation. The resin is too thick and distributed over too small an area. Application of additional solvent should allow the resin to be evenly distributed over an area large enough to eliminate stray light and still be thick enough for a good spectrum.

This month's problem:

The following spectrum of formamide was run as a capillary film between NaCl plates. What's wrong (two errors)?

