

PITTSBURGH CONFERENCE

- 9:40 **The Infrared Spectroscopist in the Academic Laboratory with Comments on Professional Training.** Dr. Walter F. Edgell, Chemistry Department, Purdue University, Lafayette, Ind.
- 10:25 **The Professional Infrared Spectroscopist in Government.** Dr. Harry C. Allen, Jr., Institute for Materials Res., National Bureau of Standards, Washington, D. C. 20234.
- 10:55 **Panel Discussion and Questions from the Floor.**
- 11:35 **Presentation of the Coblenz Society Award by Dr. A. Lee Smith, President of the Coblenz Society.**
- 11:40 **Paper by the 1966 Coblenz Society Awardee.**

COBLENTZ SOCIETY DISCUSSION MEETING

A. Lee Smith, President

8:00 P.M.—Pittsburgh Room

Thursday, February 24

Open to All Conferees

SYMPOSIUM—ATOMIC ABSORPTION SPECTROSCOPY

Thursday Morning—Pittsburgh Room

R. M. Jacobs, Presiding

- 8:30 **The Development of an Atomic Absorption Flame Photometer for Routine Measurements.** G. C. Collins, Evans Electro Selenium, Ltd., Halstead, England.
- 8:45 **Determination of Zinc in Aluminous Materials by Atomic Absorption Spectroscopy.** James B. Ezell, Jr., Reynolds Metals Co., Alumina Res. Div., Bauxite, Ark. 72011.
- 9:00 **Rapid Determination of Zinc in Iron, Steel, and Flue Dusts by Atomic Absorption.** L. C. Ikenberry, N. G. Sellers, Armco Steel Corp., Middletown, Ohio. 45042.
- 9:15 **An Automated Procedure for the Determination of Trace Metals by Atomic Absorption Spectroscopy.** Marvin

Gaumer, Sabina Sprague, Walter Slavin, Perkin-Elmer Corp., Norwalk, Conn. 06852.

- 9:30 **Developments in Instrumentation for Atomic Absorption Spectroscopy.** M. D. Amos, Techtron PTY, Ltd., Heathrow House, Bath Road, Cranford, Middlesex, England.
- 9:45 **Nitrous Oxide—Acetylene Burner with Improved Sample Delivery System.** August Hell, Juan Ramirez-Munoz, Norman Shiffrin, Beckman Instruments, Inc., Fullerton, Calif. 92634.
- 10:20 **Determination of Metals in Cement by Atomic Absorption Spectroscopy.** Luis Capacho Delgado, D. C. Manning, Perkin-Elmer Corp., Norwalk, Conn. 06852.
- 10:35 **Determination of the Alkaline Earth Metals in Phosphate Rock, Limestone, Feldspar, Clay, and Burnt Refractories by Flame Emission and Atomic Absorption Spectrophotometry.** T. C. Rains, Oscar Menis, National Bureau of Standards, Washington, D. C. 20234.
- 10:55 **The Application of Atomic Absorption Spectroscopy to Study the Effects of Temperature on the Volatilization of Alkali Salts during Dry Ashing of Teflon.** T. Y. Kometani, Bell Telephone Laboratories, Inc., Murray Hill, N. Y. 07971.
- 11:10 **The Determination of Vanadium by Atomic Absorption Spectrophotometry.** R. C. Barras, H. W. Smith, Atlantic Refining Co., 3144 Passyunk Ave., Philadelphia, Pa. 19145.
- 11:30 **The Use of Computer Techniques in Emission and Atomic Absorption Flame Photometry.** J. Ramirez-Munoz, J. L. Malakoff, C. P. Aime, Beckman Instruments, Inc., Fullerton, Calif. 92634.

MASS SPECTROMETRY—GENERAL

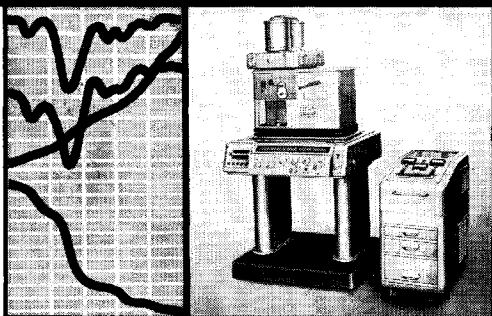
Thursday Morning—Terrace Room

W. M. Hickam, Presiding

- 8:30 **Semiconductor Trace Analysis: A Comparison of Mass Spectrometric and Radiochemical Results.** H. M. Klein, G. B. Larrabee, Texas Instruments Inc., P. O. Box 5936, Dallas, Texas. 75222.
- 8:50 **Reproducibility and Detection Limits Relating to**

The Derivatograph

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ON VIEW AT BOOTHS F-22 AND F-23
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