

Chicago Spectroscopy Program Disclosed

The program for the ninth annual Symposium on Spectroscopy, to be held at the Pick-Congress Hotel, Chicago, June 9 to 11, has been announced. The meeting, sponsored by the American Association of Spectrographers, will feature about 20 papers on most fields of spectroscopy. It will also include seminars on emission, near infrared, and infrared spectroscopy, as well as panel discussions of problems in emission,

x-ray, and infrared spectroscopy. Side-lights of the meeting include a display of new spectroscopic instrumentation and a dinner to be held on the evening of June 10. Additional details can be obtained from John E. Murphy, chairman of the Promotion Committee, American Association of Spectrographers, Pick-Congress Hotel, Chicago, Ill. The program of technical papers follows.

Spectrographic Investigation of Nonmetallic Elements. C. E. Harvey and J. W. Mellichamp.



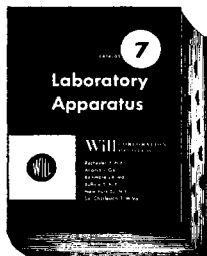
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For further information, circle number 34 A on Readers' Service Card, page 85 A

The Plasma Jet as a Spectroscopic Source. Marvin Margoshes and B. F. Scribner.

Control of Air-Interrupted Spark Sources for Multibreak Conditions. L. E. Owen.

Performance Patterns of A.C. Arc Excitation. J. T. Rozsa.

Dual Photographic-Direct Reading Attachment for the Jarrell-Ash Ebert Spectrograph. R. K. Brehm and G. Benzie.

Concentration of Trace Elements by Extraction Technique Prior to Spectrographic Determination. S. R. Koirtiyohann and E. E. Pickett.

Micro Infrared Analyses as Applied to Gas Chromatography Fractions. J. E. Stewart and W. S. Galaway.

Recent Developments in Infrared Instrumentation. J. W. Huley.

Application of Infrared Analysis to Air Separation Unit Control. R. A. Hagstrom and P. A. Demkovich.

Polarized Infrared Spectroscopy. Aaron Bluhm.

Evaluation of Colorants by Spectrophotometric Methods. W. F. Ulrich, F. Kelley, and D. C. Nelson.

Determination of Trace Impurities in Zirconium Metal by a Point to Plane Spectrochemical Procedure. R. F. Farrell, G. J. Harter, and R. M. Jacobs.

Use of Hydrogen as an Internal Standard in Analysis of Additives and Wear Metals in Lube Oils by Direct Reading Methods. R. R. Thieme.

Application of Percentage Ratio Technique to Analysis of Cast and Wrought Copper-Nickel-Zinc Alloys. D. J. Roberts.

Flame Photometry of Strontium. C. E. Moore and A. H. Maas.

Determination of the Metal Content of Driers by Flame Photometry. P. J. Secrest.

X-Ray Absorption as a Tool in Valence State Determination. R. A. Van Nostrand.

Determination of Sulfur and Chlorine in Petroleum by X-Ray Fluorescence. T. C. Yao.

X-Ray Spectrographic Analysis of Lignites. G. L. Clark and Raymond Hunt.

Practical Applications and Operational Factors of Fluorescent X-Ray Spectrography, A Review. M. L. Salmon.

Microfocus X-Ray Method in Analysis. R. Banerjee.

Recent Advances in the Detection of Light Elements by X-Ray Spectroscopy. W. R. Kiley.

The Production X-Ray Quantometer, A Direct Reading X-Ray Polychromator. H. T. Dryer.

Canisius Announces Spectroscopy Institute

The second annual Infrared Spectroscopy Institute, geared to the needs of