

Friday, Nov. 10

2:00 pm

**THIN- AND THICK-LAYER
CHROMATOGRAPHY**

M. Karl Brandt, Brandt Associates, Inc., Presiding

Recent Advances in TLC and TLE Analysis of Air Pollutants. E. Sawicki, Robert A. Taft Sanitation Engineering Center**Identification and Estimation of Chlorpromazine Metabolite in Tissues.** A. Post, Smith, Kline and French, J. A. Bobbitt, University of Connecticut**Quantitative Thin-Layer Chromatography.** M. Karl Brandt, Brandt Associates, Inc.**NEW DEVELOPMENTS IN EMISSION
SPECTROSCOPIC EXCITATION****(DEDICATED TO WILLIAM
FREDERICK MEGGERS)**

B. Scribner, National Bureau of Standards, Presiding

Dr. William F. Meggers—A Dedication. B. F. Scribner, National Bureau of Standards**Volatilization of Materials in Spectroscopic Light Sources.** H. Kaiser, Institute Für Spektrochemie und Angewandte Spektroskopie**Innovations in the Spectral Excitation of Solid and Molten Samples.** V. A. Fassel, Iowa State University**Line Shape as a Function of Matrix and Gaseous Atmosphere.** J. L. Jones, M. F. Hasler, Hasler Research Laboratory**MASS SPECTROMETRY OF LOW
VOLATILITY MATERIALS**

A. G. Sharkey, U. S. Bureau of Mines, Presiding

Mass Spectral Analysis of Very High Molecular Weight Hydrocarbons and Related Materials. T. Aczel, R. J. Pancirov, Esso Research and Engineering Co.**A Simple Direct Vaporization Mass Spectrometer Inlet System.** C. R. Maxley, N. F. Kerr, J. G. Larson, Gulf Research and Development Co.**Aromatic Hetero Compounds in Petroleum Gas Oils by High Resolution Mass Spectrometry.** H. E. Howard, L. R. Snyder, Union Oil Company of California**ANALYTICAL CHEMISTRY OF
VOLATILE COMPONENTS OF
PACKAGING MATERIALS**

S. G. Gilbert, Rutgers University, Presiding

Introduction—The Prevention of Adverse Effects on Packaged Foods by Migration of Components from the Packaging Material. S. G. Gilbert, Rutgers University**The Measurement of Solvents Retained in Films.** W. C. Deans, E. I. du Pont de Nemours and Co.**Volatile Components of Polymers.** Samuel, Dow Chemical Co.**Correlation Between Organoleptic and Gas Chromatographic Measurements of Volatile Materials Transferred to Foods.** R. Wilks, Jr., Rutgers University**CHEM****New Products****SHOW****New Methods****New Ideas****31st EXPOSITION OF CHEMICAL INDUSTRIES****NEW YORK COLISEUM—NOV. 27-DEC. 1**

Today it's more important than ever to keep abreast of the latest products and methods that will help cut costs, increase production and improve your products—and there's no better place to see and learn about these new developments than at the largest Chem Show ever held. 540 exhibits—full of valuable information for you.

**UNDER MANAGEMENT OF INTERNATIONAL EXPOSITION CO.,
200 PARK AVE., NEW YORK, N.Y. 10017**

Circle No. 1 on Readers' Service Card