

Rocky Mountain Conference on Magnetic Resonance


Volume 3 *3rd Annual Rocky Mountain Spectroscopy Conference*

Article 1

8-8-1960

3rd Annual Rocky Mountain Spectroscopy Conference Program

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3rd Annual Rocky Mountain Spectroscopy Conference Program

Abstract

Program from the 3rd annual meeting of the Rocky Mountain Spectroscopy Conference, sponsored by the Rocky Mountain Section of the Society for Applied Spectroscopy. Held in Denver, Colorado, August 8-9, 1960.

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third annual
ROCKY MOUNTAIN
SPECTROSCOPY
CONFERENCE

1960

8-9 August
Park Lane Hotel
450 S. Marion Parkway
Denver, Colorado



Sponsored by
The Rocky Mountain Section
of the
Society for
Applied Spectroscopy

REGISTRATION INFORMATION:

Registration will be held on the 14th floor of the Park Lane Hotel, 450 South Marion Parkway. Sessions will be in the Starlite Room on the same floor.

FEES:

| | |
|--|---------|
| All Sessions (Includes technical sessions, luncheon both days, banquet, and all social functions) | \$11.50 |
| Technical Sessions Only | \$4.00 |
| Monday Luncheon Only | \$1.75 |
| Monday Banquet Only | \$4.00 |
| Tuesday Luncheon Only | \$1.75 |

MONDAY, 8 August, 1960

9:00 A.M. Registration

10:00 A.M. Announcements

Welcome by the President of The Rocky Mountain Section, Edward Vejvoda, Dow Chemical Company, Denver, Colorado.

Chairman: A. R. Ronzio, Radiological Research Institute, Inc., Denver, Colorado.

10:15

Analysis of Refractory Metals Using a New Solid Source Double Focusing Mass Spectrometer. William L. Baun, David W. Fischer, James M. Goode, and John J. Renton, Wright-Patterson Air Force Base Dayton, Ohio.

10:45

Abs
Yes

Improved Techniques for Micro and Trace Analysis with Infrared Spectroscopy. H. J. Sloane and W. F. Ulrich, Beckman Instruments, Fullerton, California.

11:15



Infrared Detection of Petroleum Base Contaminants in Synthetic Hydraulic Fluids and Lubricants by Ordinate ~~Slope~~ Expansion.
Brenton H. Madison, Sunstrand Turbo, Denver, Colorado.

11:45 Luncheon

Chairman: R. W. Thompson, Van Waters
and Rogers, Inc., Denver, Colorado.

1:30 P.M.

A Microcell for Ultraviolet Absorption Studies. W. S. Ferguson and C. W. Gullikson, Ohio Oil Company

1:50 P.M.

Microsampling Techniques in Infrared
Analysis. W. E. Keiser, Perkin-Elmer
Corporation, Norwalk, Connecticut.

2:10 P.M.

Characterization of Hydroxy Compounds.
Identification of Their 3, 5, Dinitrobenzoate
Esters by X-Ray Diffraction. K. J.
Garaka, R. C. Douthit and V. A. Yarborough,
Union Carbide Chemical Company,
South Charleston, West Virginia.

2:30 P.M. Coffee Recess

Chairman: M. W. Skougstad, U. S. Geological
Survey, Denver, Colorado.

3:00 P.M.

A Spectrochemical Method for the Detection
of Some Minor Elements in Natural Waters.
William D. Silvey, U. S. Geological Survey,
Sacramento, California.

3:30 P.M.

Spectrographic Method for the Determination
of Minor Elements in Natural Waters
by the Residue D-C Arc Technique. Joseph
Haffty, U. S. Geological Survey, Washington,
D. C..

4:00 P.M.

Modern Gratings and Grating Instruments.
David Richardson, Bausch and Lomb, Rochester,
New York.

6:00 Social Hour. Pool Vicinity.

7:00 Banquet. Starlite Room.

Guest Speaker: Dr. L. R. Megill
Bureau of Standards
Boulder, Colorado
"High Altitude Infrared Spectroscopy from
Balloons"

TUESDAY, 9 AUGUST, 1960

Chairman: Francis S. Bonomo, Denver Research Institute, Denver, Colorado.

9:00 A.M.

The Analysis of Slags, Cements, and Related Materials by the Tape Machine. George Anderman, and Z. de Beer, Applied Research Laboratories, Glendale, California.

9:30 A.M.

Spectroscopic Studies of a Hollow Cathode Discharge. Kenneth Mitchell, Los Alamos Laboratories, Los Alamos, New Mexico.

10:00 A.M. Coffee Recess.

Chairman: Francis H. Fry, School of Mines, Golden, Colorado.

10:30 A.M.

Direct Reading Spectrographs Determination of Beryllium in Air Using the Vacuum Cup Solution Technique. B. R. DePiazza, Lockheed Aircraft, Panorama City, California.

11:00 A.M.

Spectrochemical Analysis of Iron Ores by the Solution-Spark Rotating Disc Technique. L. P. Wilkinson, Columbia Iron Mining Co Cedar City, Utah.

11:45 A. M. Luncheon.

1:30 P.M.

Open Panel Discussion on Emissions Spectroscopy. Panel Members introduced by A. L. Schalge, Ohio Oil Company, Littleton, Colorado.

3:00 P. M. Coffee Recess.

3:30 P. M.

Open Panel Discussion on X-Ray Spectroscopy. Panel Members introduced by M. L. Salmon, Fluo-X Spex Laboratories, Denver, Colorado.



R. M. S. S. Officers 1960

President: Edward Vejvoda
Dow Chemical Company, Denver, Colo.

Vice-President: N. Cyril Schieltz
School of Mines, Golden, Colo.

Secretary: Fred N. Ward
U. S. Geological Survey, Denver, Colo.

Treasurer: Peter Yin
Shell Chemical Corp., Denver, Colo.

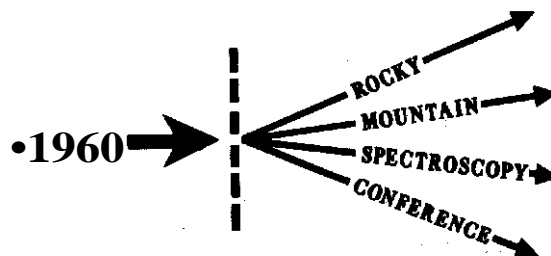


1960 Conference Committee.

Co-Chairmen:
C. W. Gullikson & A. L. Schalge
Ohio Oil Company, Littleton, Colo.

Merlyn Salmon
Fluo-X-Spex Laboratories, Denver.

Al P. Marranzino
U. S. Geological Survey, Denver.



The Social Hour was made possible through the courtesy of the following industrial Sponsors:

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VARIAN ASSOCIATES

In addition to appreciation for efforts by the officers and members of the R. M. S. and the financial co-operation noted above, the conference committee wishes to express its thanks to Martha Daiss of the Denver Convention and Visitors Bureau, Bill Barber of the Park Lane Hotel, and the Denver Research Center of The Ohio Oil Company for their assistance in the preparation for the conference.