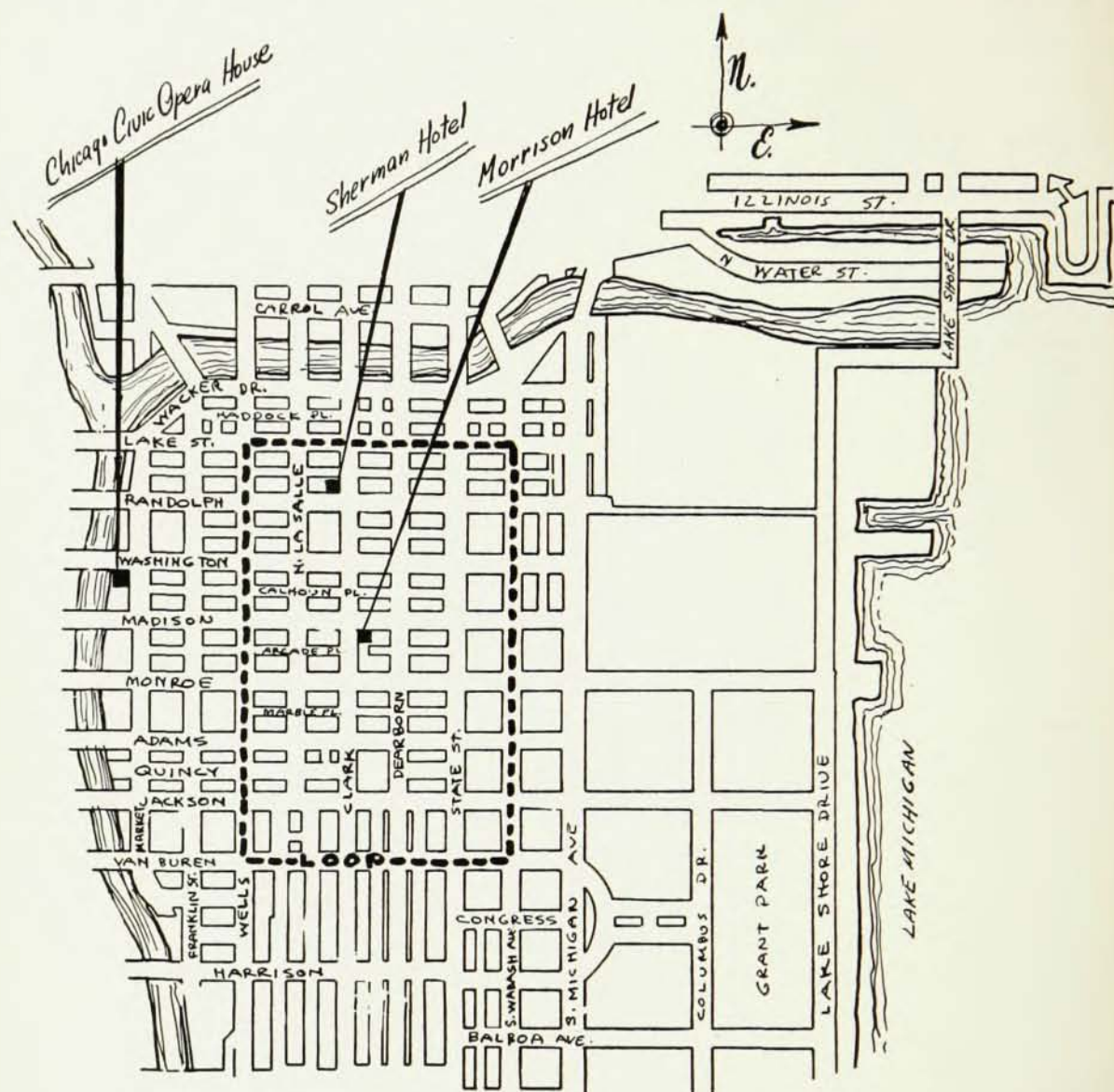


THE AMERICAN INSTITUTE OF PHYSICS

PROGRAM



The Joint Meeting of the five Founder Societies of the American Institute of Physics to celebrate the 20th Anniversary of the AIP's founding will be held in Chicago, Illinois from October 23 to 27, 1951. Most technical sessions will take place in the Hotel Sherman (Randolph and Clark Streets), although some sessions will be held at the Hotel Morrison (Clark and Madison Streets). A Joint Symposium of the Societies will be held at the Chicago Civic Opera House (Wacker Drive between Washington and Madison Streets), on Thursday, October 25. The Joint Banquet will take place in the Hotel Sherman Grand Ballroom the evening of the same day. The American Crystallographic Association, an Affiliated Society of the AIP, is also holding its Fall Meeting in connection with the AIP's Anniversary Meeting. All those attending the meeting should register upon arrival at the registration desk in the Mezzanine of the Hotel Sherman.

10th ANNIVERSARY MEETING

PROGRAM

EPITOME

Tuesday, October 23

- Morning:* Optical Society of America
Acoustical Society of America
- Afternoon:* Optical Society of America
Acoustical Society of America
- Evening:* Optical Society of America
Acoustical Society of America

Wednesday, October 24

- Morning:* Optical Society of America
Acoustical Society of America
Society of Rheology, Joint Session with:
APS Division of Solid State Physics
APS Division of High Polymer Physics
American Crystallographic Association
- Afternoon:* APS Division of Chemical Physics
Optical Society of America
Acoustical Society of America
Society of Rheology
American Crystallographic Association
- Evening:* Optical Society of America
Acoustical Society of America
Society of Rheology

Thursday, October 25

- All Day:* Symposium on Physics Today
- Evening:* Banquet of AIP and Member Societies

Friday, October 26

- Morning:* American Physical Society
Society of Rheology
American Association of Physics Teachers
American Crystallographic Association
- Afternoon:* American Physical Society
Society of Rheology
American Association of Physics Teachers
American Crystallographic Association
- Evening:* American Association of Physics Teachers

Saturday, October 27

- Morning:* American Physical Society
Society of Rheology
American Association of Physics Teachers
American Crystallographic Association
- Afternoon:* American Physical Society
American Association of Physics Teachers

OPTICAL SOCIETY OF AMERICA

OCTOBER 23-25, 1951

Tuesday Morning, October 23, at 10:00

HOTEL SHERMAN, LOUIS XVI ROOM

Contributed Papers

1. Spectroscopy from the Point of View of Communication Theory. Part II. Line Widths. Gilbert W. King and A. G. Emslie, of Arthur D. Little, Inc. (15 min.)
2. Infrared Wavelengths for Calibration of Grating Spectrometers. Earle K. Plyler and Norman M. Gailar, National Bureau of Standards. (15 min.)
3. A Twin Beam Spectrometric System. Marcel J. E. Golay, Signal Corps Engineering Laboratories. (15 min.)
4. Infrared Microspectroscopy with a Carbon Arc. C. S. Rupert and John Strong, The Johns Hopkins University. (15 min.)
5. The Structure of Ta I. C. C. Kiess and Harriet Knudsen Kiess, National Bureau of Standards. (10 min.)
6. Some Spectra of Actinium. William F. Meggers, National Bureau of Standards, and Mark Fred and Frank S. Tomkins, Argonne National Laboratory. (10 min.)
7. Recent Advances in Raman Equipment. J. W. Kemp, Applied Research Laboratories. (20 min.)

Tuesday Morning, October 23, at 10:00

HOTEL SHERMAN, BAL TABARIN ROOM

Contributed Papers

8. The Calibration of a Photoelectric Densitometer for Linearity with a Calibration (or Fixed) Intensity Ratio. Milton Green, Signal Corps Engineering Laboratories. (15 min.)
9. The Use of Plastics as Photographic Filters. William C. Britton, Boston University Optical Research Laboratory. (10 min.)
10. A New Photographic Processing Unit. F. Brech, Jarrell-Ash Company. (10 min.)
11. Application of Psychophysical Procedures to the Study of Dark Adaptation. Forrest L. Dimmick and Ailene Morris, U. S. Naval Medical Research Laboratory. (15 min.)
12. The Parameters of Scotopic Sensitivity. I. The Effect of Size. Jo Ann Smith and Forrest L. Dimmick, U. S. Naval Medical Research Laboratory.
13. The Distribution of the Illumination in the Foveal Image of the Eye. Albert Arnulf, Faculté des Sciences et Institut d'Optique. (15 min.)
14. Distortion of the Image by Prisms. Kenneth N. Ogle, Mayo Clinic and Mayo Foundation. (10 min.)

OCTOBER 1951