

*Plasticity in relation to glue:* ROBERT H. BOGUE, Portland Cement Association Research Laboratory.

*Plasticity as applying to viscose and artificial silk:* CHARLES S. VENABLE, The Viscose Company Research Laboratory.

*Plasticity in relation to cellulose and cellulose derivatives:* S. E. SHEPPARD, Eastman Kodak Company Research Laboratory.

*The plasticity of starch:* CARL BERGQUIST, Corn Products Refining Company Research Laboratory.

*Plasticity as applied to blood and other physiologic systems:* I. NEWTON KUGELMASS, Yale University Medical School.

*What the paint and rubber technologist wants in plasticity measurements:* FRANK G. BREYER, New Jersey Zinc Company Research Laboratory.

*The plasticity of dental compounds:* WALTER S. CROWELL and ALBERT SAUNDERS, JR., S. S. White Dental Company Research Laboratory.

*A simple plastometer for control use with dental creams:* E. MONESS and P. M. GIESY, Brooklyn Research Laboratory, E. R. Squibb and Sons.

## THE ILLUMINATING ENGINEERING SOCIETY

The program of the eighteenth annual convention of the Illuminating Engineering Society held at Briarcliff Manor, New York, from October 27 to 30, was as follows:

### MONDAY, OCTOBER 27

#### Morning

Registration.

#### Afternoon

Address of Welcome, HON. FRANK L. YOUNG.

Response to Address of Welcome, L. B. MARKS.

President's Address, CLARENCE L. LAW.

General Secretary's Report, NORMAN D. MACDONALD.

Report of Committee on Progress, F. E. CADY.

Report of Committee on Motor Vehicle Lighting, DR. CLAYTON H. SHARP.

Report of Committee on Nomenclature and Standards, E. C. CRITTENDEN.

Report of Committee on Research, M. LUCKIESH.

Report of Committee on Lighting Legislation, L. B. MARKS.

### TUESDAY, OCTOBER 28

#### Morning

*Predetermination of daylight from vertical windows:* H. H. HIGBIE.

Report of committee on sky brightness—a Symposium on Daylight Recording:

*Records of total solar radiation intensity and their relation to daylight intensity:* H. H. KIMBALL.

*Records of daylight by the photoelectric cell:* JAMES E. IVES.

*Daylight recording by the New York Edison Company:* WALTER R. BOYD.

*Daylight recording by the Edison Electric Illuminating Company of Boston:* H. J. BAKER.

*The chromograph:* H. LOGAN.

#### Afternoon

Session at the Boyce Thompson Institute for Plant Research—a symposium on the Effect of Light on Plant Growth:

*Summary of literature on the various phases of the effect of light on plant growth:* HENRY W. POPP.

*Work to date at the Boyce Thompson Institute for plant research on light:* JOHN M. ARTHUR.

*Discussion of work to date and its applications:* DR. WILLIAM CROCKER.

*Influence of colored light on plant growth:* SAMUEL G. HIBBEN.

*Stimulation of plant growth by means of electric lighting:* VICTOR A. TIEDJENS.

Tour of the institute and inspection of constant-light room in auxiliary lighted greenhouses and other equipment.

### WEDNESDAY, OCTOBER 29

#### Morning

*High intensity illumination at the McGraw-Hill Publishing Company's Plant:* HAROLD V. BOZELL.

*Display-case lighting in stores:* J. L. STAIR and WM. FOULKS.

*Daytime illumination in show windows:* WARD HARRISON and WALTER STURROCK.

*Periodic eye examinations in a testing laboratory:* NORMAN D. MACDONALD and DR. JAMES W. SMITH.

*The ocular principles in lighting:* C. E. FERREE and G. RAND.

#### Evening

*Decorative and theatrical lighting:* CLAUDE BRAGDON.

*Toward a closer cooperation between producer and engineer in motion picture lighting:* WIARD B. IHNNEN and D. W. ATWATER.

### THURSDAY, OCTOBER 30

#### Morning

*A survey of street lighting practice in the United States:* J. FRANKLIN MEYER.

*Some results of the Columbus street lighting tests:* F. C. CALDWELL.

*Traffic control systems:* C. A. B. HALVORSON, JR.

*Short cut design for electrical advertising:* C. A. ATHERTON.

Report of Committee on Educational Courses.

#### Afternoon

*The meaning of speed of vision:* PERCY W. COBB.

*The connection between astronomical and practical photometry:* PROFESSOR CHAS. FABRY, University of Paris.

*Glare and visibility:* M. LUCKIESH and L. L. HOLLADAY.

*Is a new class of membership desirable?* PRESTON S. MILLAR.

*The luminous efficiency of "cold light":* ELLIOT Q. ADAMS.

### FRIDAY, OCTOBER 31

#### Morning

Section development meeting under the direction of President Crittenden.