

**PROGRAM OF THE SPRING CONVENTION\***

**SAGAMORE HOTEL, ROCHESTER, N. Y.**

**MAY 5-8, 1941**

**MONDAY, MAY 5th**

- 9:30 a.m. General Session; H. Griffin, Chairman.**  
Report of the Convention Arrangements Committee; W. C. Kunzmann, *Convention Vice-President*.  
Report of the Financial Vice-President; A. S. Dickinson.  
Report of the Engineering Vice-President; D. E. Hyndman.  
Welcome by the President; Emery Huse.  
"The University of Minnesota Visual Education Program;" R. A. Kissack, Minneapolis, Minn. (*Demonstration*).  
"Five New Models of 16-Mm Sound Kodascopes;" W. E. Merriman, Eastman Kodak Co., Rochester, N. Y.  
"Air-Conditioning Safety Device for Motion Picture Theaters;" E. R. Morin, Motion Picture Division, Connecticut State Police, Hartford, Conn.  
"The Specialization of Film Delivery;" J. H. Vickers, National Film Carriers, Inc., Philadelphia, Pa.
- 12:30 p.m. Informal Luncheon with Acoustical Society of America**  
*Chairman: Emery Huse, President, Society of Motion Picture Engineers.*  
*Addresses by:*  
The Honorable S. B. Dicker, Mayor of the City of Rochester.  
Dr. F. R. Watson, *President, Acoustical Society of America.*  
Dr. Howard Hanson, *Director, Eastman School of Music, University of Rochester, Rochester, N. Y.*
- 2:00 p.m. Illumination Session; D. B. Joy, Chairman.**  
"Characteristics of Intermittent Carbon Arcs;" H. G. MacPherson, R. B. Dull, and F. T. Bowditch, National Carbon Company, Cleveland, Ohio.  
"Some Properties of Polished Glass Surfaces;" F. Jones, Bausch & Lomb Optical Co., Rochester, N. Y.  
"Recent Improvements in Non-Reflective Lens Coating;" W. Miller, Vard Mechanical Laboratories, Pasadena, Calif.  
"A Method for Designing Film Sprockets;" W. G. Hill and C. L. Schaeffer, Agfa Ansco Corp., Binghamton, N. Y.

---

\* As actually followed at the meetings.

"Some Theoretical Considerations in the Design of Sprockets for Continuous Film Movement;" J. S. Chandler, Eastman Kodak Co., Rochester, N. Y.

Report of the Non-Theatrical Equipment Committee; J. A. Maurer, *Chairman*.

**8:00 p.m. Sound Session; G. Friedl, Jr., *Chairman*.**

Report of the Standards Committee; D. B. Joy, *Chairman*.

"Multi-Speaker Systems;" H. I. Reiskind, RCA Manufacturing Co., Inc., Indianapolis, Ind.

"Fantasound;" W. Garity and N. A. Hawkins, Walt Disney Studios, Burbank, Calif.

"Vitasound;" N. Levinson and L. T. Goldsmith, Warner Bros.-First National Studios, Burbank, Calif.

"New and Old Aspects of the Origins of 96-Cycle Distortion;" J. O. Baker and R. O. Drew, RCA Manufacturing Co., Inc., Camden, N. J.

**TUESDAY, MAY 6th**

**9:30 a.m. General and Business Session; P. J. Larsen, *Chairman*.**

"High-Fidelity Headphones;" L. J. Anderson, RCA Manufacturing Co., Indianapolis, Ind.

"New Gadgets for the Film Laboratory;" B. Robinson and M. Leshing, Twentieth Century-Fox Film Studios, Hollywood, Calif.

"Report on the Activities of the Inter-Society Color Council;" R. M. Evans, *Chairman* of SMPTE Delegates.

**Society Business**

"Some Recent Advances in the Theory of the Photographic Process;" C. E. K. Mees, Eastman Kodak Co., Rochester, N. Y.

**2:00 p.m. Open Afternoon**

**7:30 p.m. 48th Semi-Annual Banquet and Dance.**

**WEDNESDAY, MAY 7th**

*Joint Meeting of the Acoustical Society of America  
and the Society of Motion Picture Engineers*

**9:30 a.m. Eastman Theater; Symposium on the Stereophonic Sound-Film System, by Bell Telephone Laboratories, New York, N. Y. B. Olney, *Chairman*.**

"General Theory;" Harvey Fletcher.

"Mechanical and Optical Equipment;" E. C. Wentz, R. Biddulph, L. A. Elmer, and A. B. Anderson.

"Pre- and Post-Equalization of Compandor Systems;" J. C. Steinberg.

Technical Demonstration; Conducted by W. B. Snow.

*Joint Meeting of the Acoustical Society of America  
and the Society of Motion Picture Engineers*

- 2:00 p.m. General Session; J. I. Crabtree, Chairman.**  
 "Electrical Equipment for the Stereophonic Sound-Film System;"  
 W. B. Snow and A. R. Soffel.  
 "A Light-Valve for the Stereophonic Sound-Film System;" E. C.  
 Wentz and R. Biddulph.  
 "Internally Damped Rollers;" E. C. Wentz and A. H. Müller.  
 "Solar Prominences in Motion;" R. R. McMath, McMath-Hulbert  
 Observatory, Lake Angelus, Pontiac, Mich. (*Demonstration.*)  
 "A Non-Cinching Film-Rewind Machine;" L. A. Elmer.  
 "Progress in Three-Dimensional Photography;" J. A. Norling,  
 Loucks & Norling, New York, N. Y. (*Demonstration.*)

*Joint Meeting of the Acoustical Society of America  
and the Society of Motion Picture Engineers*

- 8:15 p.m. Eastman Theater; Demonstration of Stereophonic Sound-Film  
System,** by the Bell Telephone Laboratories, New York, N. Y.  
**Chairman: Dr. Howard Hanson,** Director of the Eastman School of  
 Music, University of Rochester.  
**Speakers:**  
 Mr. Emery Huse, *President*, Society of Motion Picture Engineers.  
 Dr. F. R. Watson, *President*, Acoustical Society of America.  
 Dr. Harvey Fletcher, Bell Telephone Laboratories, New York,  
 N. Y.

**THURSDAY, MAY 8th**

- 9:30 a.m. Projection Session; D. E. Hyndman, Chairman.**  
 Report of the Theater Engineering Committee; A. N. Goldsmith,  
*Chairman.*

*Projection Practice Symposium, prepared by the Projection Practice Sub-Committee  
of the Theater Engineering Committee*

- "Projection Room Equipment Requirements;" J. J. Sefing.  
 "The Projection Room—Its Location and Its Contents;" J. R.  
 Prater.  
 "Factors Affecting Sound Quality;" A. Goodman.  
 "A Suggested Clarification of Carbon Arc Terminology as Applied  
 to the Motion Picture Industry;" H. G. MacPherson, National  
 Carbon Co., Cleveland, Ohio.  
 "Improved Methods of Controlling Carbon Arc Positions;" D. J.  
 Zaffarano, W. W. Lozier, and D. B. Joy, National Carbon Co.,  
 Fostoria, Ohio.  
 "A New 13.6-Mm High-Intensity Projector Carbon;" W. W.  
 Lozier and D. B. Joy, National Carbon Co., Fostoria, Ohio.

**2:00 p.m. General Session; A. C. Downes, Chairman.**

"The Subjective Sharpness of Simulated Television Images;" M. W. Baldwin, Jr., Bell Telephone Laboratories, New York, N. Y.

"A Compact Direct-Reading Reverberation Meter;" E. S. Seeley, Altec Service Corp., New York, N. Y.

"Solution of Acoustic Problems Encountered in Recording Sound for Motion Pictures;" W. L. Thayer, Paramount Pictures, Inc., Hollywood, Calif.

"Development and Current Uses of the Acoustic Envelope;" H. Burris-Meyer, Stevens Institute of Technology, Hoboken, N. J. (*Demonstration.*)

"Notes on the Mechanism of Disk Recording and Playback;" O. Kornei, Brush Development Co., Cleveland, Ohio.

"Analytic Treatment of Tracking Error and Notes on Optimum Pick-Up Design;" H. G. Baerwald, Brush Development Co., Cleveland, Ohio.

**Adjournment of the Convention.**