

Society Publications

Motion-Picture Projection and Theatre Presentation Manual

This manual, edited by Don V. Kloepfel of DeLuxe General, Inc., contains 21 chapters, appendixes and index in 190 pages. Thirty-three contributors, each a recognized authority, discuss basic approaches and practical considerations for projection and theater presentation. The manual is intended to further mutual understanding concerning all aspects of the entire field, including theater owners, projectionists and technicians. The book contains 130 illustrations. It is a book in 8½- by 11¼-in format and hardbound with library cloth binding.

It has been announced by advertisement beginning in the November 1969 *Journal*, page 1037. The price is \$7.50, less 20% for SMPTE members. The contents are:

1. Introduction
2. Motion-Picture Films
3. Physical Aspects of Projection Rooms
4. General Rules for Good Projection
5. Measuring Instruments
6. The Basic Motion-Picture Projector
7. Operational Maintenance and Repair of Projectors
8. Projector Performance Testing
9. Projection Light and Light Sources
10. DC-Power Supplies for Projection Light Sources
11. Projection Lenses and Optics
12. Motion-Picture Theatre Screens
13. Motion-Picture Sound Systems
14. Theatre Construction and Design
15. Theatre Seating
16. Theatre Carpeting and Drapery
17. Theatre Automation — Automatic Programming
18. Drive-In Theatres
19. The Theatre Supply Dealer
20. The Competent Projectionist
21. Problems in Projection — Case Histories

Appendixes

- Manufacturers Honoring SMPTE Request Cards
 - Index to SMPTE-Sponsored USA Standards and Recommended Practices
 - List of SMPTE Publications
 - Test Film Catalog
- Index

ternational Decade of Ocean Exploration which begins in 1970. According to Frank Scott, SPSE Vice-President of Engineering, program titles and program leaders for the conference's engineering sessions are: The Development of a Customer System — Super 8 Motion Pictures, J. L. Boon; An Advanced Design Approach to Color Reflection Densitometry, A. J. Blanc; A Data Reduction System for Photographic Records, C. W. Wyckoff; Digital Hologram/Kinoforms, L. B. Lesem; and An Underwater Photographic System, G. T. McNeil. The special underwater photography program will include the showing of a new film and exhibits of equipments used in underwater photography. Announcement of the special program was made by William Towns, Co-Chairman of Image '70. SPSE Headquarters are at 1330 Massachusetts Ave., N.W., Washington, DC 20005.

Super 8 Films Symposium Proceedings

The *Proceedings* of the Symposium on the super 8 film format, which was held in four sessions on October 2-3, 1969, in Los Angeles, will soon be available. The publication includes fourteen invited tutorial and survey papers on various aspects of super 8 film quality, standardization, printing systems, comparison with 16mm, educational use and projection cartridges. Authors represent Eastman Kodak Co., Bell & Howell Co., Fairchild Camera and Instrument Corp., Consolidated Film Industries, DeLuxe General, Inc., Technicolor Corp., other companies and the U.S. Dept. of Defense. The introduction is by Society Vice-President for Motion-Picture Affairs Dr. Richard J. Goldberg, Symposium Chairman. The price of the *Proceedings* is \$15.00, less 20% for SMPTE members.

Color Television: Selections From the Journal

This book will contain reprints of selected papers from the *Journal*. It has been prepared by a special committee under Richard S. O'Brien, Vice-President for Television Affairs. Irving S. Rosner is Chairman of the Committee. Committee members are Robert W. Byloff, D. Lisle Conway, Richard E. Putman, Rodger J. Ross and James Wilson.

The volume contains 23 papers grouped in five sections: Basic Color; Color Television Systems; Color Film; Subsystems and Special Components and Broadcast Facilities. Also included is a list of Standards and Recommended Practices and a Bibliography of additional papers on color television that have appeared in the *Journal*. The publication date is to be announced.

A Directory for Members

The Directory for Members containing a complete and up-to-date list of members of the Society is published biennially. The next *Directory* will appear as Part II of the July 1970 issue of the *Journal*. In alternate years a *Directory* containing a list of officers and governors of the Society, reports, sustaining members and other relevant information is published.

The U.S. Industrial Film Festival has announced that entries for the 3rd annual event should be submitted before March 1. Awards will be presented on April 30 in the Palmer House Hotel in Chicago. Entries are limited to 16mm industrial motion pictures and 35mm filmstrips. Entries are separated into four groups according to the type of production: Commercial, Government, In-Plant and University. Subject categories are identical for the four groups: Advertising, Sales Promotion; Art, Culture; Documentary; Fund Raising; Industrial and Technical Processes; Medicine, Health; Public Relations; Recreation, Sports, Hobbies, Travel; Religion, Ethics; Safety, Welfare; Sales; Sciences, Research; World Peace, Understanding, Brotherhood; and Miscellaneous. Further information is available from J. W. Anderson, Chairman, U.S. Industrial

Film Festival, Film Center Bldg., Suite 216, 161 East Grand Ave., Chicago, IL 60611.

The 1969 annual meeting of the Optical Society of America was held October 21-24 in Chicago. Topics covered in the technical sessions included Lens Design; Atmospheric Optics; Lasers — Radiometry and Photometry; Optical Materials; Thin Films and Interferometry; Information Processing, Holography and Coherence; Aeronautic and Space Optics; Spectroscopy; Color and Vision. Some 200 papers were presented, thirteen of which were invited papers. Titles and authors of the invited papers are: "YAG Lasers; Present and Future" by J. E. Geusic; "Ion Lasers Today" by William B. Bridges; "Deep-Blue and μv Helium-Cadmium Glow Discharge Lasers" by John P. Goldsborough; "Glass Lasers Today" by C. G. Young; "The Role of Holography in Image Processing" by J. W. Goodman; "Fourier Methods in Vision Research" by D. H. Kelly; "The Nature of the Stimuli for Fixation, Vergence and Tracking Eye Movements" by Derek H. Fender; "The Signal Code in Human Rods" by W. A. H. Rushton; "Lens Design Using Small Computers" by Janusz S. Wilczynski; "Acoustic-Bragg Reflection of Light" by Robert Adler; "Practical Holography" by Juris Upatnieks; "Meteorological Application of Geosynchronous Satellites" by Tetsuya T. Fujita; and the Ives Medal Address, "Stimulated Phenomena in Laser Physics" presented by the 1969 Ives Medalist, David A. Rank of Pennsylvania State University.

The International Broadcasting Convention will be held September 7-11, 1970, at Grosvenor House, Park Lane, London W.1. Sponsors besides the SMPTE are Electronic Engineering Assn., Institution of Electrical Engineers, Institute of Electrical and Electronic Engineers, Institution of Electronic and Radio Engineers and the Royal Television Society. The scope of the technical sessions will include material on all aspects of television and sound broadcasting, including Operational Experience; Studio Design; Origination Equipment; Recording; Signal Distribution (including Wire Relay); Transmitters and Transposers; Aerials; Receivers; Propagation and Service Planning; Films; Satellites; Automation Aspects of Broadcasting; Digital Techniques in Broadcasting and Technical Management. The Convention will include an exhibition of the latest broadcasting equipment. Further information is available from The Secretariat, International Broadcasting Convention, c/o IEEE, Savoy Place, London W.C.2, England.

Temple University has announced a graduate-level film seminar to be held July 6 through Aug. 15 at the British Film Institute in London, England. The seminar will be conducted by Raymond Fielding, Professor of Communications at Temple. The seminar will consist of lectures and discussions by British film directors, writers, critics, government officials and others, plus field trips to film studios, archives, museums and governmental offices. The class will be limited to 20 graduate students and the course may be taken for