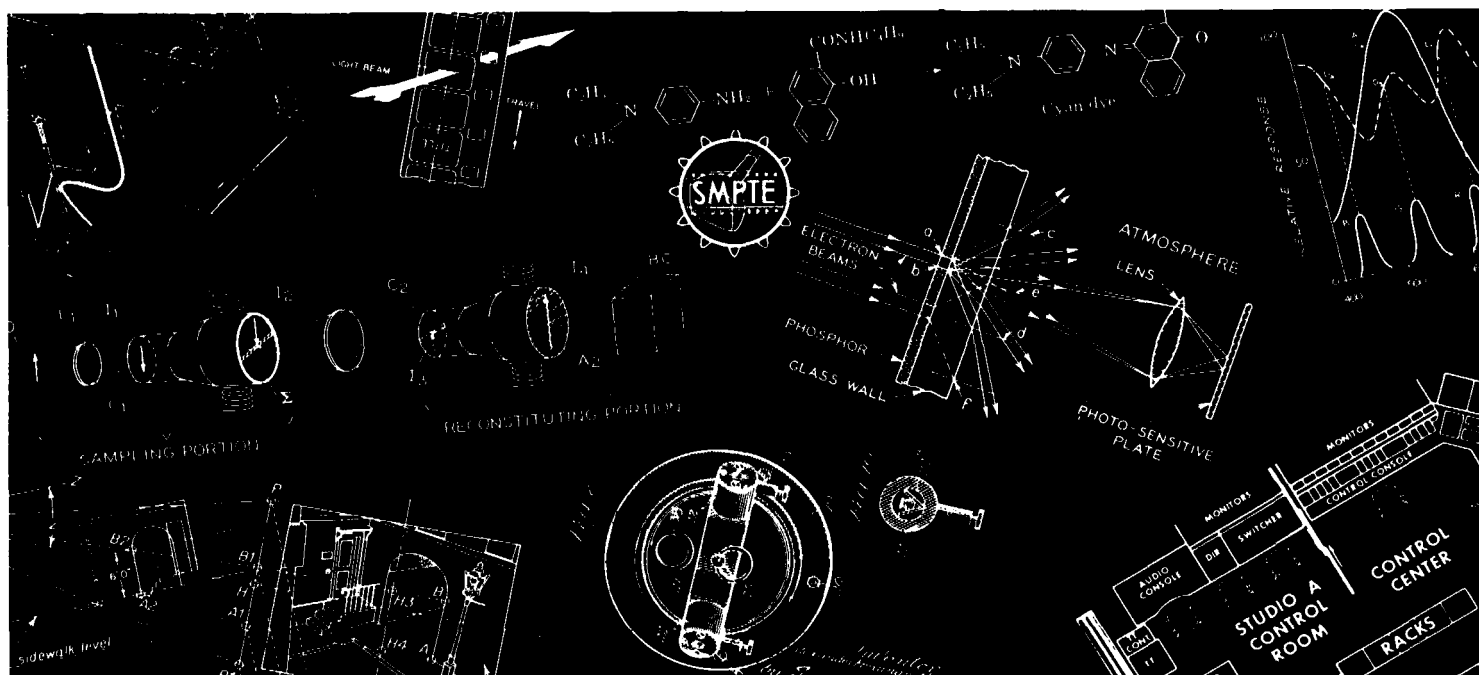


This is the Society of Motion Picture and Television Engineers



What is SMPTE?

SMPTE is a non-profit organization of people concerned with the engineering aspects of motion pictures, television, instrumentation, high-speed photography and the allied arts and sciences.

The membership includes engineers, scientists, technicians and executives in motion pictures, television, instrumentation and high-speed photography, educators and students, and workers in the many allied fields.

Objects of the Society are:

To provide an organization and a climate in which persons of like interests can meet, exchange ideas, and present technical papers for the advancement of, and education within, the sphere of interest of the Society;

To provide a technical journal for the publication of papers and the maintenance of a record of progress;

To foster the advancement of engineering technology and to sponsor lectures, exhibitions and conferences designed to advance the theory and practice of engineering within the scope of the Society.

Founded in 1916 as the Society of Motion Picture Engineers, "Television" was added to its name in 1950 to recognize that expanding segment of its activities.

In 1948 an engineering committee on high-speed photography was organized in the Society to foster

scientific development and to encourage better dissemination of knowledge in this field. This program has expanded to encompass numerous aspects of photoinstrumentation, including photography and pictorial communication for missiles, satellites and space vehicles.

From 24 members in 1916, the Society has grown today to more than 6,500 members. Although the majority of our members live in the United States and in Canada, nearly 700 are located in over 60 other countries throughout the world.

How is SMPTE organized?

An elected Board of Governors governs the Society in accordance with the constitution and bylaws. Operations of the Society are conducted under the direction and supervision of ten elected Officers. Appointed administrative and engineering committees plan and carry out major activities and programs. An Executive Committee serves the Board of Governors by supervising and advising on matters of general administration. At the headquarters, the Executive Secretary and his staff perform detailed services necessary to the functioning of the Society.

Members in the United States and Canada are divided geographically into 16 Sections, with headquarters in

Atlanta, Boston, Cape Canaveral, Chicago, Dallas-Fort Worth, Denver, Detroit, Hollywood, Huntsville, Montreal, Nashville, New York, Rochester, San Francisco, Toronto and Washington, D.C. Active student chapters exist at City College of New York, Rochester Institute of Technology and the University of Southern California. The membership of sections and student chapters elect their own officers and managers, who conduct local activities under established policies of the Society.

What does SMPTE do for its members?

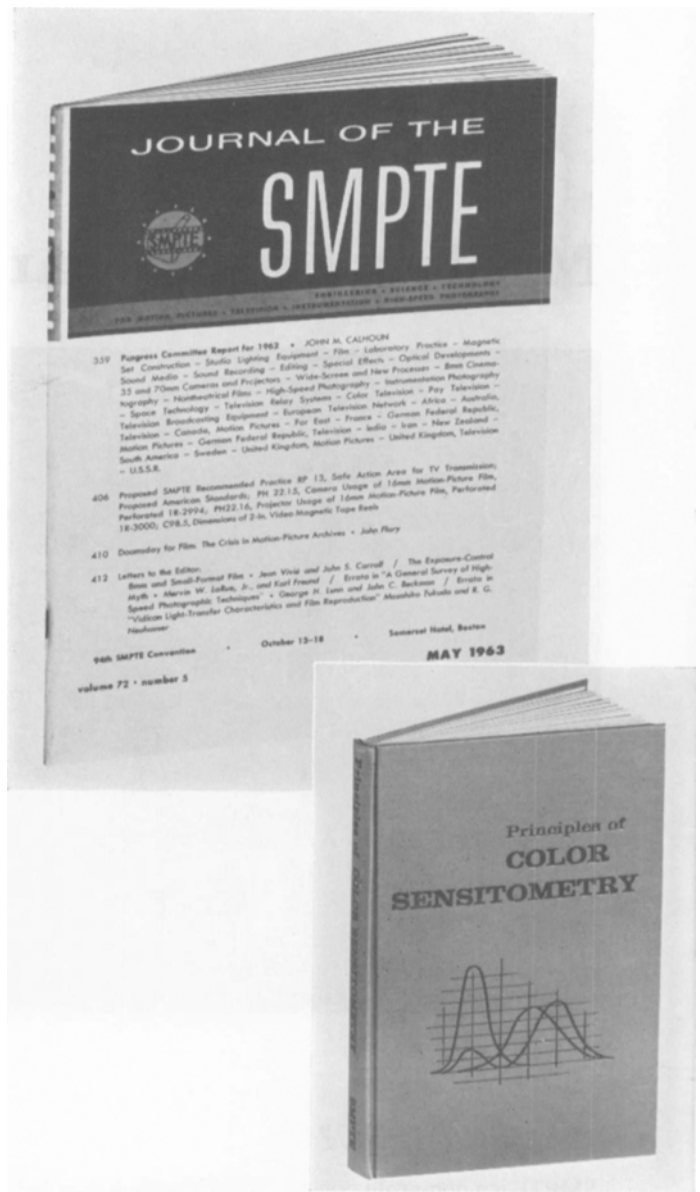
PUBLICATIONS

The monthly *Journal of the SMPTE*, received by all members, contains technical articles keyed to the interests of Society members, new product information and industry news. Subject matter includes:

- | | |
|-------------------------|----------------------------|
| acoustics | sound recording |
| animation | sound reproduction |
| audio-visual techniques | space technology |
| cameras | special effects |
| cinematography | standards |
| color | studios |
| education | sound television equipment |
| film | closed-circuit television |
| high-speed photography | television films |
| laboratory practice | television lighting |
| lighting | television picture quality |
| optics | television production |
| photometry | television recording |
| photo-instrumentation | theater design |
| production | time-lapse photography |
| projection | video tape |
| sensitometry | |

Over the years since 1916, the *SMPTE Journal* and its predecessor, the *Transactions of the SMPE*, have become the principal technical and historical reference of the industry. *Journal* papers of special interest or importance are reprinted and made available from Society headquarters.

From time to time, reports and manuscripts by the engineering committees are published as special bound volumes, such as: *Control Techniques in Film Processing*; *Elements of Color in Professional Motion Pictures*; *Proceedings of the Fifth International Congress on High-Speed Photography*; and *Principles of Color Sensitometry*. A list of available publications may be obtained by writing to SMPTE Headquarters.



ADMINISTRATIVE COMMITTEES

Voting members are appointed to serve on administrative committees working in the following areas of activity:

- | | |
|-----------------------|------------------|
| Admissions | Membership |
| Conferences | Nominating |
| Editorial | Papers |
| Education | Planning |
| Financial | Progress Reports |
| Historical and Museum | Publications |
| Honors and Awards | Public Relations |

ENGINEERING COMMITTEES

Engineering committees are established to study and develop information relating to current technological problems, to define terminology, to develop standards and to recommend practices.

Color Committee — makes recommendations and prepares specifications for the operation, maintenance, and servicing of color motion-picture processes, accessory equipment, studio lighting, selection of studio

set colors, color motion-picture films, and general color photography.

Film Dimensions Committee—makes recommendations and prepares specifications on those film dimensions which affect performance and interchangeability, and investigates new methods of cutting and perforating motion-picture film in addition to studying its physical properties.

Film Projection Practice Committee—makes recommendations and prepares specifications which will aid in the attainment of good quality in showing motion-picture films in theaters from studies of relevant engineering practices regarding projection equipment and conditions, projection rooms, film storage facilities, stage arrangements, screen dimensions, placement and characteristics, brightness of the motion-picture screen image, and the effect of ambient light.

Instrumentation and High-Speed Photography Committee—furthers the development and utilization of instruments and techniques associated with instrumentation and high-speed photography.

Laboratory Practice Committee—makes recommendations and prepares specifications for the operation, maintenance and servicing of motion-picture printers, processing machines, inspection projectors, splicing machines, film cleaning and treating equipment, rewinding equipment, any type of film-handling accessories, methods and processes which offer increased efficiency and improvements in the photographic quality of the final print.

16mm and 8mm Motion Pictures Committee—makes recommendations and prepares specifications for 16mm and 8mm cameras, 16mm and 8mm sound recorders and sound-recording practices, 16mm and 8mm printers and other film laboratory equipment, 16mm and 8mm projectors, splicing machines, screen dimensions and placement, loudspeaker output and placement, preview or theater arrangement, test films and the like which will improve the quality of 16mm and 8mm films.

Sound Committee—makes recommendations and prepares specifications for the operation, maintenance and servicing of motion-picture film sound recorders, recorders and reproducing equipment, methods of recording sound, sound-film processing, and the like, to obtain means of standardizing procedures that will result in the production of better uniform quality sound in the theater.

Television Committee—makes recommendations and prepares specifications on all phases of film equipment used in television broadcasting, and of the production,

processing and use of film made for testing of and transmission over a television system.

Video Tape Recording Committee—proposes standards and good engineering practices for the construction, adjustment, operation and measurement of video-tape recording and reproducing equipment and for those video-tape dimensions or other characteristics which affect performance and interchangeability.

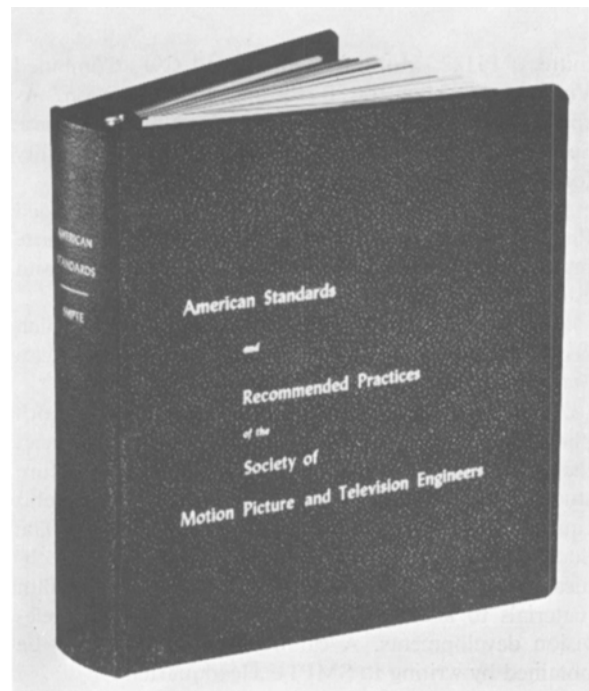
Television Studio Lighting Committee—makes recommendations and prepares specifications on all phases of lighting employed in television studios.

Standards Committee—composed of chairmen of all the other committees—constantly surveys all the engineering phases of motion-picture production, distribution and exhibition, and may request any engineering committee to investigate and report on the phase of motion-picture engineering to which it is assigned.

Standards and test films

SMPTE develops and maintains American Standards on motion pictures, television and video-tape recording.

Over 125 American Standards have evolved from the work of the Society's engineering committees and have been validated by the American Standards Association. The Society also sponsors two ASA Sectional Com-





mittees: PH22, Motion Pictures; and C98, Combined Video-Aural Magnetic Recording for Television. As sponsor, the Society acts as the Secretariat of these Sectional Committees and assumes the responsibility for the administration of committee work.

In addition, the Society promulgates Recommended Practices, which, with the American Standards, promote interchangeability, provide for operating efficiency and establish good engineering practices.

A Standards subscription service is available which keeps members supplied with copies of new American Standards and Recommended Practices.

A wide variety of visual and sound test films, both photographic and magnetic, are made available to meet the needs of television stations, theaters, motion-picture studios and manufacturers of projection and sound equipment for defining and checking performance. The Society engineering committees constantly review technical needs to assure availability of proper test film materials to keep abreast of motion-picture and television developments. A catalog of test films may be obtained by writing to SMPTE Headquarters.

Meetings

Semiannual Technical Conferences in the spring and fall of each year, with technical papers sessions and equipment exhibits, help members become better acquainted with the world's engineering authorities in motion pictures and television, provide a forum for presentation and discussion of the latest scientific and technological advances and give members an opportunity to see the most recent developments in equipment and processes.

Local Meetings are held 8 to 12 times during the year by each of the sections and student chapters. These meetings give members opportunities to hear outstanding papers and see films and demonstrations, to talk with the top men in their fields and exchange information and views on technical matters.

Education

The SMPTE Committee on Education, with the cooperation of motion-picture studios, labor organizations, television stations and educational institutions, conducts lectures and sponsors technical courses for those entering the field, as well as for industry people eager to keep abreast of new developments. Courses and lecture series have been given on such subjects as sound techniques, laboratory processing, magnetic video tape and film handling. Courses sponsored by the Society have been conducted at the University of Southern California, the University of California at Los Angeles, New York University and Northwestern University.

Awards and honors

The SMPTE recognizes outstanding contributions of individuals to motion pictures, television, instrumentation and high-speed photography and encourages these contributions by presenting as many as seven awards at its fall Conference.

PROGRESS MEDAL—"for invention, research or development which has resulted in a significant advance in the development of motion-picture or television technology."

SAMUEL L. WARNER MEMORIAL AWARD—"for outstanding work in the field of sound motion-picture engineering."

DAVID SARNOFF GOLD MEDAL—"for new techniques, methods and equipment which hold promise for the continued improvement of television."

HERBERT T. KALMUS GOLD MEDAL—"for outstanding contributions in the development of color films,

processes, techniques or equipment useful in making color motion pictures for theater or television use.”

E. I. DU PONT GOLD MEDAL—“for outstanding contributions in the development of new techniques or equipment which had contributed to the improvement of engineering phases of instrumentation or high-speed photography.”

JOURNAL AWARD—“for the most outstanding paper originally published in the Society’s Journal during the preceding year.”

STUDENT PAPER AWARD—“for an outstanding paper prepared by a Student Member during the school year.”

FELLOWS OF THE SOCIETY are selected from among active members who by their proficiency and contributions have attained an outstanding rank in the fields of Society interest.

HONORARY MEMBERS are individuals selected in recognition of eminent service in the advancement of

engineering in motion pictures, television, or the allied arts and sciences.

What SMPTE members can do for the Society

Over the years, SMPTE has attained world-wide recognition as the outstanding organization concerned with the dissemination of current technological information and in establishing standards in the motion-picture and television fields. This has been made possible by the energetic participation of the Society’s members. Members can work to further the objectives of the Society by presenting technical papers at section meetings and the semiannual technical conferences, and by contributing to the *Journal*. They can play an active role in the advancement of engineering and technology by serving on various committees of the Society, including those that arrange and conduct meetings and conferences. And members can help ensure the perpetuation of the Society by encouraging others—particularly those new in the fields represented by SMPTE—to join.



SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS

9 East 41st Street, New York 17, New York, TN 7-5410

APPLICATION FOR SMPTE MEMBERSHIP

Active and Associate Grades

THE SOCIETY OF MOTION PICTURE AND TELEVISION ENGINEERS is a scientific organization dedicated to the consideration and advancement of the engineering and technical aspects of motion pictures, television and the allied arts and sciences.

Some of the activities which the Society enters in the course of carrying out its overall scientific purpose are:

- Publication of a Journal for the dissemination of scientific knowledge
- Standardization of equipment and practices
- Distribution of test films
- Maintenance of high professional standing among its members
- Guidance of students and sponsorship of student chapters
- Encouragement of high standards of education
- Organization of national conventions and section meetings

Qualified persons may apply for admission to membership in the Active, Associate and Student grades. The normal membership year starts in January. However, an initial half-year membership at half annual dues is available starting July 1. If dues accompany the application, the current issue of the Journal and all back issues to the start of the paid term will be sent. The applicant will be notified of admission to membership upon acceptance by the Admissions Committee.

An **ACTIVE MEMBER** is entitled to vote on any matter presented to the membership and is qualified by his membership grade to hold office in the Society. An applicant is eligible for admission to this grade if he is at least 25 years of age, is recommended by a suitable sponsor, and meets at least one of the requirements below:

- 1) An engineer or scientist engaged in motion-pictures, television or the allied arts and sciences who has performed, or been responsible for, **important engineering or scientific work therein for a period of at least three years**; or
- 2) A teacher in a school of recognized standing who has conducted for **at least three years a major course principally concerned with motion-picture or television engineering or a subject involving the related arts and sciences**; or
- 3) An individual who has made a **distinct contribution to the advancement of engineering or science in motion-pictures, television or the allied arts and sciences**; or has **contributed to the technical literature thereof, or has made significant inventions therein**; or
- 4) An individual who for **at least three years** has had, under his executive direction, **important engineering and responsible work in motion-pictures, television or the related sciences**, and who is otherwise qualified for **direct supervision** of the technical and scientific features of such work.

An **ASSOCIATE MEMBER** has no vote in Society business and cannot hold office. He may serve on any Committee of the Society as a member (but not as chairman), and may then vote on any matter before the Committee. He must be at least 18 years of age, and interested in the study of the technical and engineering aspects of motion-pictures, television or the related arts and sciences. His application must be supported by a sponsor’s recommendation or other proper reference.

A **STUDENT MEMBER** has the privileges of an associate member. He must be registered for at least a half-time program in a college, university or other recognized educational institution, and evidence interest in the study of the technology involved in motion-pictures, television or the related arts and sciences. Application for admission to this grade is made on a special form and must be supported by proper reference.

FOR ASSOCIATE MEMBERSHIP FILL IN THIS PAGE ONLY

(Print or type)
 Name
 Mailing Address
 Date of Birth
 Employer
 Employment Address
 Present Position
 College, University or Technical School Attended
 Years in which Courses were Taken
 Degree Received

If elected to membership, I agree to be governed by the Society's Constitution and Bylaws as long as I am a member.

Dated Signed

ENCLOSED IS REMITTANCE TO COVER DUES. PLEASE CHECK ONE:

Annual dues full year \$15.00
 Half year dues after July 1 7.50
 Transfer in grade

Provide either one of the following:

A. If you offer a sponsor's recommendation, ask your sponsor to complete the statement below. He should be an Associate, Active, Fellow or Honorary member of the Society.
 I am pleased to recommend this applicant for Associate Membership in the SMPTE.

Sponsor's Signature
 Print or type name
 Sponsor's Membership Grade

B. In lieu of the above, furnish the names of two non-members active in the industry who may be contacted as references.

Name
 Address
 Name
 Address

Admissions Committee Approval:
 Regional Chairman
 Date

What are the grades of membership?

ACTIVE: Open to qualified individuals upon application approved by the admissions committee.

Qualifications: Minimum age, 25; 3 years' experience in responsible positions relating to technical, engineering, or scientific activities in motion pictures, television or allied arts, or as executive supervisor directly responsible for such activity; or 3 years experience teaching a major course in motion pictures, television or allied subjects in a school of recognized standing; or comparable contributions to the advancement of engineering or science in motion pictures, television or allied arts.

Sponsor: One Honorary, Fellow or Active Member.

Dues: \$20.00 per year.

ASSOCIATE: Open to qualified individuals upon application approved by the admissions committee.

Qualifications: Minimum age, 18; interest in the study of technical and engineering aspects of motion pictures, television or related arts and sciences.

Sponsor: One member, or two individuals from motion picture or television industries as references.

Dues: \$15.00 per year.

STUDENT: Open to qualified individuals upon application approved by the admissions committee.

Qualifications: Registration for at least a half-time program as a student in a college, university or other recognized educational institution who evidences interest in the study of the technology of the motion-picture, television or related arts and sciences.

Sponsor: One SMPTE member or reference from a staff member of applicant's college department, who need not necessarily be a member of the Society.

Dues: \$5.00 per year.

FELLOW: By selection.

Qualifications: Minimum age, 30; individuals in the Active grade who have by proficiency and contributions attained an outstanding rank among engineers or executives in motion pictures, television or related industries. Upon approval by the Board of Governors, based upon recommendation of Fellow Membership Committee.

Dues: \$20.00 per year.

LIFE: Open to qualified Active and Fellow members upon written application approved by the Executive Committee.

APPLICATION FOR ACTIVE MEMBERSHIP

(Print or type)
Name
Mailing Address
Date of Birth
Employer
Employment Address
Present Position

The sponsor should complete this section. He must be an Active, Fellow or Honorary member of the Society:
1. How long have you known the applicant?
2. Is your contact personal or professional?
3. Do you verify the accuracy of the applicant's statements as to his experience?

I am pleased to sponsor this Applicant for Active Membership in the SMPTE.
Sponsor's Signature
Print or type name
Sponsor's Membership Grade

Admissions Committee Approval:
Signature
Date

Qualifications: Minimum age, 65. An Active or Fellow member who: has retired from active business life; has been an Active or Fellow for a total of 20 years; and who has at least 5 years of continuous Active or Fellow membership immediately prior to application. Qualified applicants who hold the grade of Fellow will be named as Life Fellows. Qualified Active members will be named Life Members. *Dues: None.*

HONORARY: By selection.
Qualifications: An individual who has performed eminent service in the advancement of engineering in motion pictures, television or allied arts and sciences. Upon recommendation of the Honorary Membership Committee, and approval of the Board of Governors. *Dues: None.*

SUSTAINING:
Sustaining memberships are available to individuals, firms or corporations who subscribe substantially to the financial support of the Society. Names of sustaining members are published each month in the *Journal*. The Society's Directory includes a descriptive listing of each of the sustaining members.

SMPTE and other organizations

- The Society is officially represented in the following organizations and shares actively in their work:
- American Standards Association
 - Inter-Society Color Council
 - International Commission on Illumination (C.I.E.)
 - International Standards Organization Technical Committee (36) on Cinematography
 - Joint Committee on Inter-Society Coordination (JCIC)
 - National Electronics Conference
 - International Congress on High-Speed Photography

How can I join SMPTE?

Fill out one of these application blanks, ask an SMPTE member to have a membership committeeman call on you, or write for further information to:
Executive Secretary
Society of Motion Picture and Television Engineers
9 East 41st Street
New York, N.Y. 10017

