

Information for Authors

The *SMPTE Journal* publishes papers on technological, engineering, and scientific developments in motion pictures, television, and related fields.

Although many papers published in the *Journal* have been presented at SMPTE Technical Conferences, contributed papers are welcome. Manuscripts and all other materials for publication should be sent to:

Jeffrey Friedman, *Editor*
SMPTE Journal
595 West Hartsdale Avenue
White Plains, NY 10607

Review: Every paper submitted to the SMPTE is reviewed by the Society's Board of Editors. The identities of the reviewers remain confidential so they may feel unconstrained in their evaluations. Every paper is sent to three or four reviewers who are knowledgeable in the subject of the paper. Once the paper is reviewed, the editor informs the author of its acceptance or rejection. On the basis of the reviewers' remarks, the editor often suggests revisions to improve the paper. In addition, every manuscript undergoes copyediting and styling by the editorial staff, to ensure accuracy, consistency, and readability.

Content: The *Journal's* primary objective is to follow the progress of motion-picture and television engineering and developments in allied fields. Controversial papers are welcome, providing they are substantiated by reliable data.

Technical articles must be informative and well-organized. They must record original work, or review previous work, giving proper credit. Results of actual experience and research should be given. Commercialism is unacceptable.

Preparation of Manuscripts: Manuscripts should be typewritten in black on one side of 8½ × 11-in. (22 × 28-cm) paper with ½-in. (4-cm) margins. All material, including abstract, main text, references, figure captions, and tables, should be double-spaced. Number all pages consecutively.

To accelerate the reviewing of manuscripts, an original copy and three

good-quality photocopies of all text and illustrations are requested.

Title Page: The author's first and last name should appear at the top of the first page. Next should be a citation in the appropriate form: 1. Presented at (conference) in (city) on (date) by (author), (author's affiliation, address), or 2. A contribution submitted on (date) by (author, affiliation, address). At mid-page the title should appear—succinct, accurate, and suitable for later indexing.

Abstracts: Below the title should be a complete, self-contained, informative abstract of about 100 words giving the objective of the paper and an outline of its contents.

Text: The body of the paper should develop the main argument, starting with introductory material and advancing toward a summary. All illustrations must be referred to in the text by figure number. Source materials should be keyed (in order of appearance) to the references by superscript numbers in the text. Footnotes should be avoided, where possible, by making parenthetical notes in the text. Mathematical symbols, abbreviations, acronyms, etc., that may not be familiar to the average reader should be spelled out the first time used, or defined in the text.

Subheads: Appropriate subheads, inserted throughout the paper, are a useful service to the reader and an aid

to rapid comprehension of the information. Usually, one order of subheadings is sufficient.

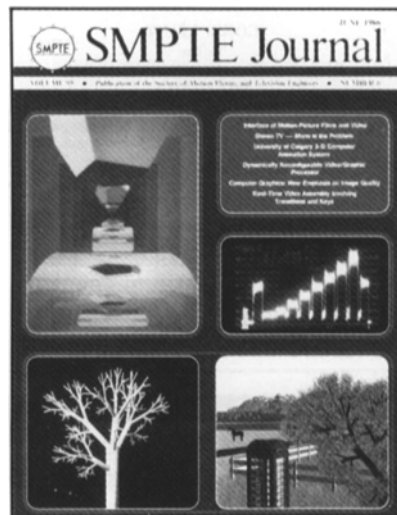
References: These should be typed on a manuscript page at the end of the text listed in order of appearance. References to periodicals should include the author's name, full title of article, periodical title, volume, inclusive pagination, and month and year of publication. Book references should contain the name of the author, title of book, edition (if other than the first edition), name and location of publisher (the street address is not usually required), year of publication, and the relevant page number(s). Examples of references style can be found at the end of many articles appearing in recent issues of the *Journal*.

Figure Captions: These should be typed on a separate sheet following the references. Captions should be concise.

Illustrations: All figures should be labelled with author's name and figure number. Photographs should be black-and-white prints (preferably 8 × 10 in.; 20½ × 25½ cm) without a halftone screen

Line drawings (graphs or sketches) can be original drawings in India ink on white paper or high-quality photographic reproductions. Choice of lettering-size on illustrations should be dictated by the width of the original and the scale at which it will finally be printed. Keep in mind that most illustrations will be reproduced in small size—one or two *Journal* columns wide (2⅛ or 4½ in.; 5.4 or 11.4 cm). The minimum height of capital letters as printed in the *Journal* should be 1.3 mm (0.05 in.).

Electronic Editing with Computers: The Editorial Dept. now edits most *Journal* papers on computer terminals. Authors who have word processors with modems are encouraged to submit their papers via telephone. The *Journal* can accept transmissions at either 300 or 1200 baud. The *Journal* can also accept papers on floppy disks from IBM PC-compatible microcomputers. For further information, please contact the *Journal* editor.



Associate Member

To be eligible for this grade of membership an individual 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. The application must be supported by a Member's recommendation or by the recommendation of two individuals from within the motion-picture or television industries.

Associate Members may vote in Section elections but cannot hold office. They may serve on any Committee of the Society as members (but not as chairmen) and may vote on any matter before the Committee.

For Associate Membership

Provide either one of the following:

Furnish a member's recommendation or the names of two people active in the industry who may be contacted as references.

Name _____

Address _____

Name _____

Address _____

Why Belong to the SMPTE?

The SMPTE is the most important organization serving motion pictures and television. Membership in SMPTE can help you learn more about your field through the *SMPTE Journal*, SMPTE Conferences, and local section meetings. It can also help you meet others in your field, who are interested in the same things you are, no matter what area of motion pictures and television you are employed in.

It is common knowledge that membership in a professional organization can have an important influence on your career, not only because of what you can learn, but by who you can meet. In a recent SMPTE survey, more than 90% of those responding said the SMPTE is helpful in their jobs. The high esteem the SMPTE is held in both motion pictures and television is evidenced not only by the range of individual members, but by the number of companies supporting the SMPTE through Sustaining Membership. There are more than 230 such companies.

Here's what you get when you join the SMPTE:

1. You receive the monthly *SMPTE Journal*. The *Journal's* normal subscription price to non-members is \$55.00. You get it free as part of your membership.

2. The SMPTE has local sections (chapters) which hold monthly meetings throughout the U.S. and Canada. You are encouraged to attend these meetings to meet with other professionals in your locale and participate in programs of interest and importance.

3. You receive the monthly *News and Notes*, which brings you news of the SMPTE and notification of the next local section meeting.

4. You receive an attractive SMPTE lapel pin to show you are a member of the SMPTE.

5. You receive a handsome membership certificate, suitable for framing.

Student Member

An applicant must be registered for a least a half-time program in a college, university or other recognized educational institution, and must evidence interest in the study of technology involved in motion pictures, television or the related arts and sciences. Students must be recommended by an SMPTE member or by a faculty member of the applicant's college (who need not be an SMPTE member).

For Student Membership

An SMPTE Member, or any faculty member of the student's institution, can satisfy the reference requirement by signing the statement below.

I hereby certify that the above applicant is registered as a student in a regular course of study for at least a half-time program, and has an interest in the technology of motion pictures, television, or the related arts and sciences.

Signature _____

Print Name _____

Title of Faculty Member _____

or SMPTE Membership Grade Date _____

6. You get discounts on all SMPTE publications, and on registration at all SMPTE Conferences and symposia.

7. You get free use of the SMPTE Employment Service column in the *Journal*.

8. Group life, medical and accident insurance.

Who Belongs to the SMPTE

The SMPTE draws its members from professionals in two primary fields: motion pictures and television. The membership is made up of people who are involved in all areas of these industries. For example, in motion pictures, SMPTE members include engineers and technicians; producers and directors; people in sound recording, lighting, optics and audio-visual; cameramen; film editors; projectionists; service engineers; sales and marketing people; teachers, instructors, and professors; consultants; and executives. The companies they work for include manufacturers, distributors and dealers of motion picture equipment; film laboratories; film studios; companies using film as a tool (business and industry); theaters and theater chains; and governmental and educational institutions.

Members in the television field are largely engineers; chief engineers; technicians; TV producers and directors; production people; and executives. Most of the TV people are involved with engineering, production, sales and management. The TV members work for TV networks; local stations and group stations; manufacturers and suppliers of TV equipment; companies using TV as a tool (business and industry); TV studios; production houses; and governmental and educational institutions.

Many SMPTE members work in both fields, such as audio-visual people, and those in TV news, equipment manufacturing, laboratories and production houses.

If you work in any facet of motion pictures and television, there is a place for you in the SMPTE. Join today!