

# Information for Authors

The *SMPTE Journal* publishes papers on technical, engineering, and scientific developments in motion pictures, television, and related fields, including desktop video, multimedia, and computers.

Manuscripts should be submitted to:

Jeffrey Friedman, Editor/Publisher  
*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 engineering developments in the motion imaging 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.

**Manuscript Submissions on Disk:** The *SMPTE Journal* is published on an Apple Macintosh desktop publishing system using Microsoft Word and QuarkXPress. Authors are encouraged to submit manuscripts on 3.5-in. disks. Most Macintosh, DOS, and Windows applications are acceptable. Disks should be accompanied by hard copy. For further information, please contact the editor.

**Preparation of Manuscript:** Manuscripts should be printed in black on one side of 8 1/2 x 11-in. (22 x 28-cm) paper with 1 1/2-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. 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 subheadings, 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 labeled with author's name and figure number. Photographs should be black-and-white prints (preferably 8 x 10 in.; 20 1/2 x 25 1/2 cm) without halftone screen.

Line drawings (graphs or sketches) can be original drawings 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 (2 1/8 or 4 1/2 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.).

## Abbreviations

When preparing a paper for submission to the *SMPTE Journal*, the following abbreviations should be used:

ampere	A
ampere hour	Ah
bit or bits	spell out
byte or bytes	spell out
decibel	dB
degree	°
foot	ft
frames per second	frames/sec
gigabit	Gbit
gigabyte	Gbyte
gram	g
hertz	Hz
hour	hr
inch	in.
kelvin	K
kilobit	kbit
kilobyte	kbyte
kilohertz	kHz
megabit	Mbit
megabyte	Mbyte
megahertz	MHz
meter	m
micrometer	µm
microsecond	µsec
millimeter	mm
milliseconds	msec
minute	min
nanoampere	nA
nanosecond	nsec
ohm	Ω
second	sec
volt	V
watt	W