

# Information for Authors

The *SMPTE Journal* publishes information on technological, engineering and scientific developments in motion pictures, television, photoinstrumentation, and related fields of interest. In addition to Technical Articles, the *Journal* contains brief Technical Notes, Letters, Meeting Announcements and Reports, Book Reviews, Industry News, and New Products News.

Although many papers published in the *Journal* have previously been presented at SMPTE Technical Conferences, contributed papers — which may or may not have lent themselves to oral presentation — are welcome. Manuscripts and all other materials for publication should be sent to:

Thomas E. King, *Editor*  
*SMPTE Journal*  
862 Scarsdale Ave.  
Scarsdale, NY 10583

**Review:** Every paper that is submitted to the SMPTE, whether offered as a contribution or as a conference paper, is reviewed by the Society's Board of Editors. The identity of the reviewer remains confidential so that he may feel unconstrained in offering counsel. According to its nature, the paper is sent to a number of reviewers. The author is advised of acceptance by the Editor. On the basis of the reviewers' remarks, the Editor may sometimes suggest revisions. In such cases, the author is advised where changes could increase the value of the paper.

**Content:** It is the primary objective of the SMPTE to follow the progress of motion-picture and television engineering. The Society is also interested in related new developments in allied fields. Controversial papers are welcome, provided that the position taken is substantiated by reliable data.

Technical articles should be informative and well organized. They should record original work, or review previous work, giving proper credit. Results of actual experience and research should be given, rather than unsubstantiated statements or sales talk. Commercialism is not proper in a technical paper.

**Preparation of Manuscripts:** Manuscripts should be typewritten in black on one side of 8½ × 11-in (22 × 28-cm) paper with 1½-in (4-cm) margins. All material, including abstract, main text, references, figure captions and tables, should be double-spaced. Number all pages consecutively.

To expedite the reviewing of manuscripts, four copies are needed of all materials: the original manuscript and reproducible illustrations plus three good quality photocopies.

**Title page:** The first page of the manuscript should have on it the title of the paper; authors' names; abstract (less than 200 words); and (below the abstract) the authors' names, affiliation, and address. The abstract should be a "report in miniature." Rather than describe the paper, the abstract should summarize it. Because it may be reprinted by abstracting services, the abstract should be understandable without reference to the paper itself.

**Text:** The body of the paper should develop concisely the main argument, beginning with an introduction and advancing toward a summary. All illustrations must be referred to in the text. 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. They should be listed in order of appearance. References to periodicals should include the author's name, full title of article, periodical title, volume, inclusive pagination, month and year of publication. Book references should contain the name of the authors, 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). For examples of styling of references, refer to the Bibliography at the end of this note or to a recent *Journal*.

**Figure captions:** Type these 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. They should have slightly more contrast than for normal viewing.

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 (2 ⅛ or 4 ½ 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).

For example, an 8½-in (21½-cm) wide original illustration should have lettering of at least 5.2 mm (0.2 in) height for reproduction in a single column in the *Journal*.

## Bibliography

1. P. Mertz and E. Itzkowitz, "Instructions for SMPTE authors," *Jour. SMPTE* 78: 735-738, Sept. 1969.
2. "Handbook of style" in *Webster's New Collegiate Dictionary*, 8th ed., G. & C. Merriam Co., Springfield, Mass., 1975, pp. 1520-1527.
3. *AIP Style Manual*, 2nd ed., revised, American Institute of Physics, 335 E. 45 St., New York, NY 10017, 1973. [AIP states that this book will again be revised and enlarged in 1976.]

## EDITORIAL STAFF

Thomas E. King, *Editor*  
David A. Howell, *Assistant Editor*  
Rae Hargrave, *Staff Writer*  
Florence K. Nadler, *Production Editor*  
Mary P. Donahue, *Production Secretary*

## CONFERENCE PROGRAMS

Lynne Robinson, *Secretary*

## ADVERTISING, CONFERENCES & PUBLICITY

Jeffrey B. Friedman, *Manager*  
Naomi Danar, *Advertising Secretary*

## ENGINEERING

Alex E. Alden, *Staff Engineer*  
Pablo Weinschenk-Taberno,  
*Assistant Staff Engineer*

## BOARD OF EDITORS

Pierre Mertz, *Chairman*  
Meadow Lakes 901, Etra Rd.  
Hightstown, NJ 08520

G. W. Ballantyne  
Michael Barlow  
C. J. Bartleson  
Harlan L. Baumbach  
Leo Beiser  
K. Blair Benson  
Gerald M. Best  
Elmer A. Bowen, Jr.  
Berlyn Brixner  
J. S. Courtney-Pratt  
Bernard E. Drimmer  
Carlos H. Elmer  
Herbert E. Farmer  
Charles R. Fordyce  
John L. Forrest  
John G. Frayne  
A. M. Gundelfinger  
Stephen A. Kallis, Jr.  
Clyde R. Keith  
Don V. Kloepfel  
Glenn E. Matthews

Manfred G. Michelson  
H. W. Pangborn  
Bernard D. Plakun  
Waldemar J. Poch  
Stanley F. Quinn  
Rodger J. Ross  
Sidney P. Solow  
Israel Switzer  
Woodlief Thomas, Jr.  
Petro Vlahos  
Richard A. Walker  
Pablo Weinschenk-  
Taberno  
John W. Wentworth  
Deane R. White  
Ralph D. Whitmore, Jr.  
A. D. Williams  
W. T. Wintringham  
Harold Wright  
Charles W. Wyckoff

## Reprint Permission

An author or his company may reproduce his article after it is published in the *Journal*. Appropriate credit should be given to the *Journal*, for example, "Reprinted with permission from the *SMPTE Journal*, Vol. 85, pages 10-15, Jan. 1976. Copyright © 1976 Society of Motion Picture and Television Engineers, Inc." (This permission is not assignable.)

All others wishing to reprint any part of the *Journal* must obtain permission in writing from the Editor, except as outlined below.

1. Authors of technical communications may quote from the *Journal*, without prior permission, to make their work complete, accurate and fully documented. Appropriate credit must be given to the author quoted and to the *SMPTE Journal*.
2. This waiver of the requirement for specific permission does not extend to quotations that are complete units in themselves (such as complete *Journal* articles, entire sections thereof, appendixes, charts, graphs, tables or other illustrative material); nor does the waiver extend to quotations, of whatever length, presented as primary material for its own sake (as in anthologies or books of readings).