

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:

David A. Howell, *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 *Journal* 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 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 expedite the reviewing of manuscripts, an original copy and three good quality photocopies of all text and illustrations are needed.

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 on (date) at (conference) in (city) by (author), (author's affiliation, address), or 2) A contribution submitted on (date) by (author, affiliation, address). At mid-page should be the title — succinct, accurate,

and suitable for later indexing. Below this should be a complete, self-contained, informative abstract of about 100 words.

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 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). 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.

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 (2¼ 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).

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.

Sample Bibliography

1. Arthur Kaiser, "Comb Filter Improvement with Spurious Chroma Deletion," *SMPTE J.*, 86: 1-5, Jan. 1977.
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*, 3rd ed., Amer. Inst. of Physics, 335 E. 45 St., New York, NY 10017, 1978.

EDITORIAL STAFF

David A. Howell, *Editor*
Pablo Weinschenk-Tabernero, *Associate Editor*
Rae Hargrave, *Staff Writer*
MaryAnn Frusciant, *Production Supervisor*
Mary P. Donahue, *Production Editor*
Gary Rosenberger,
Editorial/Production Assistant

CONFERENCE PROGRAMS

Lynne Robinson, *Secretary*

ADVERTISING, CONFERENCES & PUBLICITY

Jeffrey B. Friedman, *Manager*
Linda C. LaValle, *Advertising Secretary*

ENGINEERING

Alex E. Alden, *Manager, Engineering Services*
Albert A. Conte, *Television Engineer*

BOARD OF EDITORS

Rodger J. Ross, *Chairman*
3 Orchard Ave.
Cobourg, Ont. K9A 1S9, Canada

G. W. Ballantyne	Richard Marcus
Michael Barlow	Glenn E. Matthews
C. J. Bartleson	Pierre Mertz
Leo Beiser	Manfred G. Michelson
K. Blair Benson	Bernard D. Plakun
Elmer A. Bowen, Jr.	Waldemar J. Poch
Berlyn Brixner	Stanley F. Quinn
E. S. Busby, Jr.	F. M. Remley, Jr.
J. S. Courtney-Pratt	M. Rotthaler
Carlos H. Elmer	Koichi Sadashige
Herbert E. Farmer	Sidney P. Solow
John L. Forrest	Israel Switzer
John G. Frayne	Woodlief Thomas, Jr.
A. M. Gundelfinger	G. Boris Townsend
Raymond L. Hallows	R. G. L. Verbrugge
Julian Hopkinson	Petro Vlahos
Arthur Kaiser	Richard A. Walker
Stephen Kallis, Jr.	Pablo Weinschenk- Tabernero
Paul Kaufman	John W. Wentworth
Clyde R. Keith	
Don V. Kloepfel	

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. 88, pages 10-15, Jan. 1979. Copyright © 1979 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).