

FOUNDED 1916



EXECUTIVE

Peter Ludé
Editorial Vice-President

Glen Pensinger
Chairman/Board of Editors

JOURNAL STAFF

David J. M. Juhren
Director of Communications

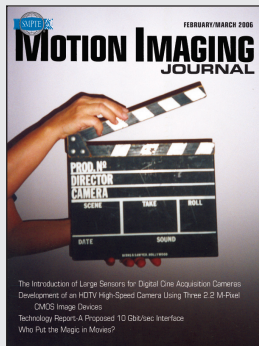
Dianne Ross Purrier
Managing Editor

Mathew V. Kuriakose
Publications/Production Manager

ENGINEERING

Carlos V. Girod, Jr.
Director of Engineering

Mark S. Hyman
Staff Engineer



Printed in the USA

SMPTE FEBRUARY/MARCH 2006 MOTION IMAGING Journal

Website: www.smpte.org

VOL. 115, NO. 2 & 3

MESSAGE FROM THE EXECUTIVE VICE-PRESIDENT

Robert B. Kisor51

SMPTE REPORTS

Section Meetings53

Third Digital Cinematography Forum 200557

SMPTE Almanac by Michael Dolan58

PAPERS

The Introduction of Large Sensors for Digital Cine Acquisition Cameras
William A. Hill, Steve Persall, and Robert McGriff59

Development of an HDTV High-Speed Camera Using Three 2.2-M-Pixel CMOS Image Devices
T. Ogasawara, J. Yamazaki, Y. Tomura, H. Tanaka, M. Yamauchi, Y. Hashimoto, H. Cho, and S. Kanayama67

Technology Report—A Proposed 10 Gbit/sec Interface
Kazuhiro Takano and Shigeyuki Yamashita75

HISTORICAL PAPER

Who Put the Magic in Movies?
Richard Steven Cohn80

SMPTE NEWS AND DEPARTMENTS

News95

Errata95

Obituaries96

Professional Services97

New Products98

New SMPTE Members99

SMPTE New and Renewal Membership Application100

Highlighting SMPTE Sustaining Members101

SMPTE Sustaining Member List102

SMPTE Motion Imaging Journal (ISSN: 0036-1682) published monthly by the Society of Motion Picture and Television Engineers, 3 Barker Ave., White Plains, NY 10601. Periodicals postage paid at White Plains, N.Y., and at additional mailing office. Copyright © 2006 by the Society of Motion Picture and Television Engineers, Inc. All rights reserved. Printed in the U.S.A. No part of this issue may be reproduced without written permission of the publisher. Statements and opinions expressed in articles or editorials in the *SMPTE Motion Imaging Journal* are expressions of contributors and do not necessarily represent the policies or opinions of the Society. Advertisements appearing in this publication are the sole responsibility of the advertiser. Subscription rates: SMPTE members, \$27.00 included in membership dues; Straight Subscription U.S., \$140.00; elsewhere, \$155.00; airmail \$195. Single copy, \$15.00 plus shipping. MEMBERSHIP in SMPTE is available according to qualifications at the following annual dues: Active Member, \$135.00; Student Member, \$35.00. All members receive the *SMPTE Motion Imaging Journal* as part of membership. **SMPTE owns the copyrights to all published material, unless otherwise stated.** *SMPTE Motion Imaging Journal* is registered with Canada Post: CPM # 41003019.

POSTMASTER: Send change of address to *SMPTE Motion Imaging Journal*, 3 Barker Ave., White Plains NY10601.