

FOUNDED 1916



EXECUTIVE

Peter Ludé
Editorial Vice-President

Glen Pensinger
Chairman/Board of Editors

Kimberly Maki
Executive Director

JOURNAL STAFF

David J. M. Juhren
Director of Communications

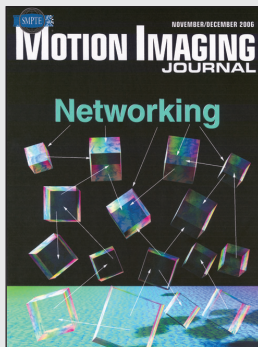
Dianne Ross Purrier
Managing Editor

Mathew V. Kuriakose
Publications/Production Manager

ENGINEERING

Carlos V. Girod, Jr.
Director of Engineering

Mark S. Hyman
Staff Engineer



Printed in the USA

SMPTE

MOTION IMAGING

Journal

NOVEMBER/DECEMBER 2006

Website: www.smpte.org

VOL. 115, NO. 11 & 12

MESSAGE FROM THE PRESIDENT

Edward P. Hobson 442

MESSAGE FROM THE EXECUTIVE DIRECTOR

Working Together for Greatness
Kimberly Maki 443

SMPTE REPORTS

Results of the 2006 Society Elections 446

Section Meetings 448

A Special Report: SMPTE Technical Conference, Hollywood, CA 453

SMPTE Digital Content Connection & VSF VidTrans 2007 Joint Conference
January 21-24, 2007 461

SMPTE Almanac by Michael Dolan 464

Dolby History of Audio Exhibition at San Francisco International Airport 465

PAPERS

Managing the HD Transition Requirements for ENG Microwave
Michael Payne 466

3G: The Evolution of the Serial Digital Interface (SDI)
John Hudson and Nigel Seth-Smith 472

Coview: A Cooperative Architecture for Digital Video Editing
Benjamim Fonseca and Eurico Carrapatoso 482

SMPTE NEWS AND DEPARTMENTS

Professional Services 492

News 493

IBC 2006: A Brief Recap 494

New Products 495

Obituaries 499

Errata 499

SMPTE New and Renewal Membership Application 501

Sustaining Member List 502

Sustaining Member Application 504

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.