

FOUNDED 1916



EXECUTIVE

Peter Ludé
Editorial Vice-President

Glen Pensinger
Chairman/Board of Editors

Frederick C. Motts
Executive Director

JOURNAL STAFF

David J. M. Juhren
Director of Publications

Dianne Ross Purrier
Managing Editor

Mathew V. Kuriakose
Publications/Production Manager

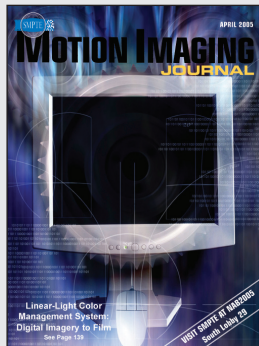
ENGINEERING

Carlos V. Girod, Jr.
Director of Engineering

Mark S. Hyman
Staff Engineer

MEETINGS

Dianne Gabriele
Meetings Manager



Printed in the USA

SMPTE

MOTION IMAGING

Journal

APRIL 2005

Website: www.smpte.org

VOL. 114, NO. 4

MESSAGE FROM THE EXECUTIVE DIRECTOR

Frederick C. Motts123

SMPTE REPORTS

Section Meetings124

SMPTE and VidTrans Joint Conference Highlights126

SMPTE Almanac by Michael Dolan128

SMPTE's Technical Conference and Exhibition
November 9-12, 2005, New York City129

2005 Lou Wolf Memorial Scholarship130

The SMPTE Student Paper Award131

PAPERS

A Program Production System Using ID and File-Data Over IP Networks
*S. Takeuchi, Y. Kaneko, M. Yamamoto, M. Shibata,
A. Narumi, and S. Sunasaki*132

Application of a Linear-Light Color Management System
to Transform Digital Imagery to Film
Jonathan D. Egstad and Todd M. Sarsfield139

Color Quality Analysis of a System for Digital Distribution
and Projection of Cinema Commercials
Jon Y. Hardeberg, Ivar Farup, and Gudmund Stjernvang146

SAMVIQ—A New EBU Methodology for Video Quality
Evaluations in Multimedia
F. Kozamernik, V. Steinmann, P. Sunna, and E. Wyckens152

The Image Revolution
Carlos V. Girod Jr.161

SMPTE NEWS AND DEPARTMENTS

News165

New Products168

Professional Services169

SMPTE New and Renewed Members170

Membership Application172

Membership Renewal173

SMPTE Sustaining Member List174

SMPTE Sustaining Member Application176

SMPTE Motion Imaging Journal (ISSN: 0036-1682) published monthly by the Society of Motion Picture and Television Engineers, 595 West Hartsdale Ave., White Plains, NY 10607. Periodicals postage paid at White Plains, N.Y., and at additional mailing office. Copyright © 2005 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*, 595 West Hartsdale Ave., White Plains, NY 10607-1824.