



**EXECUTIVE**  
**Peter Ludé**

Editorial Vice President

**Glen Pensinger**

Chairman/Board of Editors

**Kimberly Maki**

Executive Director

**JOURNAL STAFF**

**Joel Welch**

Director of Professional  
Development  
484-702-7339

**Dianne Ross Purrier**

Managing Editor  
914-761-1100 x4967

**Heather Tornvall**

Director of Marketing  
484-875-3024

**Jeffrey Victor**

Advertising Manager  
847-367-4073

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, NY, and at additional mailing office.

Copyright © 2008 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.

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.

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 \$195.00 Single copy, \$15.00 plus shipping.

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, NY 10601.

Printed in the USA

Cover Design by Mark Cavich: Illustration symbolizes data, storage, retrieval, and multi-purposing; shows a hard drive with metadata.

# Papers

**24 A User's Perspective on MXF and Media**  
C. Smith

**27 BXF Is Published—Now What?**  
C. Lennon

**30 The Core Project: Aiming for Open Production and Archive Environments with MXF**  
Y. Oh, M. Lee, S. Park

**38 Metadata-Driven Workflows with MXF—A Proposal for Tagging Languages**  
B. Devlin

**42 Proposal of a System Architecture for Digital Film Archives Using JPEG 2000 and MXF**  
A. Nowak, S. Föbel

Message from the Executive Director Kimberly Maki . . . . . 3

# Reports

Member Contact and Electronic Services Peter Symes . . . . . 6

SMPTE PDA Update Joel Welch . . . . . 8

Section Meetings . . . . . 10

ISO TC 36 Meeting/ATSC 25th Anniversary . . . . . 18

Highlights: HD Masters Conference 2008 . . . . . 19

SMPTE Section Election Results . . . . . 20

# Departments

SMPTE Sustaining Members . . . . . 2

Obituaries . . . . . 49

SMPTE Marketplace . . . . . 50

SMPTE Almanac Michael Dolan . . . . . 51

Information for Authors . . . . . 53

SMPTE Sustaining Membership Application . . . . . 55

Membership Application/Renewal . . . . . 56