



# SMPTÉ



595 W. Hartsdale Avenue, White Plains, NY 10607-1824  
Telephone: (914) 761-1100 • FAX: (914) 761-3115

E-Mail Addresses • General: [smpte@smpte.org](mailto:smpte@smpte.org) • Administration: [execdir@smpte.org](mailto:execdir@smpte.org) • Editorial: [journal@smpte.org](mailto:journal@smpte.org) •  
Engineering: [eng@smpte.org](mailto:eng@smpte.org) • Marketing: [mktg@smpte.org](mailto:mktg@smpte.org) • Accounting: [acct@smpte.org](mailto:acct@smpte.org) • Membership: [member@smpte.org](mailto:member@smpte.org)  
SMPTÉ on the Internet: <http://www.smpte.org>

## OFFICERS

**PRESIDENT, 1999-00**  
Charles H. Jablonski  
NBC, Inc.

**EXECUTIVE VICE-PRESIDENT, 1999-00**  
John L. Mason  
Eastman Kodak Co.

**PAST-PRESIDENT, 1999-00**  
David L. George  
IMMAD ECVS

**ENGINEERING VICE-PRESIDENT, 1998-99**  
William C. Miller  
ABC, Inc.

**EDITORIAL VICE-PRESIDENT, 1999-00**  
Robert B. Kisor  
Paramount Pictures Corp.

**FINANCIAL VICE-PRESIDENT, 1998-99**  
Gavin Schutz  
Four Media Co.

**CONFERENCE VICE-PRESIDENT, 1999**  
Thomas M. Jordan  
Leitch, Inc.

**SECTIONS VICE-PRESIDENT, 1998-99**  
Fung F. Lam  
Sony of Canada Ltd.

**SECRETARY/TREASURER, 1999-00**  
Edward P. Hobson  
Omneon Video Network

## DIRECTORS, '99

**EDITORIAL DIRECTOR, MOTION PICTURES**  
Alan J. Masson  
Eastman Kodak Co.

**EDITORIAL DIRECTOR, TELEVISION**  
Robert P. Seidel  
CBS, Inc.

**DIRECTOR OF EDUCATION**  
David F. E. Corley  
DSC Laboratories

**ENGINEERING DIRECTOR, MOTION PICTURES**  
Ioan R. Allen  
Dolby Laboratories Inc.

**ENGINEERING DIRECTOR, TELEVISION**  
S. Merrill Weiss  
Merrill Weiss Group

**DIRECTOR, INTERNATIONAL SECTIONS**  
Angelo D'Alessio  
Philips BTS, Italy

**Executive Director**  
Frederick C. Motts

## GOVERNORS

**CANADIAN REGION**  
Yvan Duelllet, 1998-99  
Lortech International  
Edward Holmes, 1999-00  
The Global Television Network

**CENTRAL REGION**  
Donald T. Adydan, 1998-99  
Post Effects

John F.X. Browne, 1999-00  
John F.X. Browne & Associates

**EASTERN REGION**  
George F. Anderson III, 1999  
Odetics Broadcast

Bruce F. Miller, 1999-00  
WHD-TV

John R. Walsh, 1998-99  
WHEC-TV

**HOLLYWOOD REGION**  
Edmund DiGiulio, 1999-00  
Cinema Products Corp.  
Gail K. Ringer, 1999-00  
Ringer Video Services, Inc.

Milton Shefter, 1998-99  
Miljoy Ent. Inc.

Richard Wolfe, 1998-99  
Hi-Vision America, Inc.

**NEW YORK REGION**  
Raymond Blumenthal, 1999-00  
Panasonic Broadcast & Digital  
Systems Co.

Kenneth C. Fuller, 1998-99  
NBC, Inc.

**SOUTHERN REGION**  
James W. Edwards, Jr., 1999-00  
Tektronix, Inc.

Clyde D. Smith., 1998-99  
Speer Worldwide Digital Consulting

**WESTERN REGION**  
Larry Brandt, 1999-00  
Kelly Television Co.

Richard A. Mizer, 1999-00  
Digital Ventures Diversified dba  
Westport Media Resources

Peter D. Symes, 1998-99  
Tektronix, Grass Valley Products

**GOVERNOR-AT-LARGE**  
Roy T. Brubaker, 1999  
Crest National

**INTERNATIONAL GOVERNORS**  
Europe, Middle East, Africa, Central  
& South America

Christopher P. Daubney, 1998-99  
Panasonic Broadcast Europe Ltd.  
Juergen K. R. Heitmann, 1999-00  
Consultant-AV Media Technology

Peter J. E. Mulder, 1998-99  
Dutch Broadcast Facilities Co.

**Asia/Australia**  
Dominic J. Case, 1998-99  
Atlab Australia

Hiroshi Tanimura, 1999  
Snell & Wilcox Japan

## SECTION CHAIRS

**ATLANTA**  
Paul E. Hogan  
Leitch, Inc.

**AUSTRALIA NORTH/SOUTH**  
Gerald W. Brooks  
GEC Video Systems

**CHICAGO**  
Peter DeBenny  
Sony Electronics, Inc  
**DALLAS/FORT WORTH**  
Dale Rochon  
Image Technics Inc.

**DETROIT**  
Frank J. Maynard  
WJBK-TV

**FLORIDA/CARIBBEAN**  
Albert R. LeBoeuf  
Lockheed Martin  
**GERMANY**  
Rolf von Kaldenberg  
International TV Consultants

**HOLLYWOOD**  
John W.S. Brooks  
Brooks/Flemming Associates

**HONG KONG**  
Kwok-Luen Lam  
Wharf Cable Ltd.

**HOUSTON**  
J. Marty Kirkland  
KUHT-TV

**ITALIAN**  
Franco Visintin  
RAI

**MONTREAL/QUEBEC**  
Michel Yeon  
TVA Inc.

**NASHVILLE**  
William C. Spencer  
WDCN-TV

**NEW ENGLAND**  
John C. Gates  
Gates Service Group, Inc.

**NEW YORK**  
William E. Topazio  
Manhattan Transfer

**NORDIC**  
Stig-Göran Bergholm  
YLE, Finnish Broadcasting Co.

**OHIO**  
David W. Prince  
Prince & Associates Inc.

**OTTAWA**  
Ross Mutton  
Carleton University

**PACIFIC/NORTHWEST**  
Michael P. Scott  
Bates Technical College

**PHILADELPHIA**  
Walt W. Bundy, Jr.  
Villabits

**ROCHESTER**  
Arthur J. Cosgrove  
Eastman Kodak Co.

**ROCKY MOUNTAIN**  
Rome Chelsi  
RIA Corp.

**RUSSIAN**  
Alexander S. Mkrturnov  
Gosteleradio, VNIITR

**SACRAMENTO**  
William Carlquist  
Tektronix, Grass Valley Products

**SAN FRANCISCO**  
Rick L. Reagan  
Silicon Graphics Corp.

**TORONTO**  
Fred Benedikt  
CBC Engineering-Toronto

**WASHINGTON, D.C.**  
Rudolph J. Niznansky  
Tektronix Inc.

## BOARD OF EDITORS, 1999

LeRoy E. DeMarsh, Chairman

Albert Abramson  
Grant Allan  
Harvey Arnold  
Jim Babinski  
Stanley N. Baron  
Al Barton  
Sherwin H. Becker  
Edward J. Blasko  
V. Michael Bove  
John F. X. Browne  
Andres C. Colpa  
Jim DeFilippis  
Pol T. Descamps  
Bernard L. Dickens  
Dan Dumarot  
Lincoln L. Endelman  
Adrian B. Ettlinger  
Mark Everett

Herbert E. Farmer  
David K. Fibush  
Maurice L. French  
Carlos V. Girod, Jr.  
Raymond L. Hallows, Jr.  
Scott Hamilton  
Frank J. Haney  
Gary G. Hartwick  
Paul Hearty  
Tomlinson Holman  
Kees A. S. Immink  
Arthur Kaiser  
Joseph D. Kelly  
Fred Kolb  
Steven Levine  
Richard Marcus  
Donald C. McCroskey  
William C. Miller

Rami Mina  
Alwin Mulder  
Neil Neubert  
Ken Parulski  
C. Robert Paulson  
Glen Pensinger  
Frederick M. Remley  
Koichi Sadashige  
Mark Schubin  
Edgar A. Schuller  
Gavin Schutz  
Peter D. Symes  
Reinhard Wagner  
Evans Wetmore  
Howard E. Wilkinson  
Jim Wilkinson  
William Y. Zou