

140th SMPTE Technical Conference and Exhibit

Pasadena Convention Center, Pasadena, CA
October 28-31, 1998

Last year New York hosted the 139th Technical Conference and Exhibit. Following a DTV theme, the event attracted an estimated 5,000 people. This year's conference, which is scheduled to be held at the Pasadena Convention Center on October 28-31, 1998 is expected to be equally successful. The four-day conference carries the theme "DTV Reality Check—The First Year," and will be chaired by Alan J. Masson, Eastman Kodak Co., and Alan A. Hart, Modern VideoFilm. Activities will commence with an all-day seminar followed by ten papers sessions over three days.

According to Hart the conference will focus on solutions and defining common ground for both the post-production and broadcast industries in relation to DTV.

All-Day Seminar

Mark Schubin, technology consultant, will head this year's all-day seminar titled "DTV-Proven Solutions" on Wednesday, October 28.

The seminar will discuss solutions to DTV that do not require reinventing the medium. It will include the first public report from the Top Down meetings of the Implementation Subcommittee of the Advanced Television Systems Committee. At these meetings, program suppliers, broadcasters, and manufacturers of consumer receivers and professional equipment attempted to work out every technical detail of DTV.

"Given that the first 24 volunteer U.S. DTV stations aren't due to go on the air until November 1, DTV—Proven Solutions might seem to be jumping the gun by at least four days," said Schubin. "Nevertheless, there are already quite a few proven solutions in the world of digital television."

Technical Paper Presentations

Many industry professionals will take center stage during the technical paper presentation segment of the conference.

"Great change brings significant opportunity which the papers will

highlight by exploring the technology of film transfer, recording, distribution, transmission, and reception for the DTV reality," said Hart. A current list of papers is presented below.

THURSDAY MORNING, October 29

Image Acquisition

Session Chair: *John Sprung*, Paramount Pictures

Contemporary DTV Acquisition—The Standard, Technologies, and the Creative, *Laurence J. Thorpe*, Sony Electronics Inc.

Implementation of Intranet Scene Preview for Feature Animation, *Leonard J. Reder* and *Gene Takahashi*, Warner Bros. Feature Animation

New Technology on Fujicolor Negative Film, *R. Nishimura*, *K. Makino*, *Y. Mimaki*, and *S. Yamaryo*, Fuji Photo Film Co., Ltd.

Kodak Motion Picture Films: The Vision Continues, *Christopher E. Wheeler* and *Michael E. Ryan*, Eastman Kodak Co.

A Verification System for Cinematographer Image Generation Tools, *Christopher Woollard*, University of Greenwich

Digital Simulation of Film Images, *M. Bogdanowicz*, *C. DuMont*, *T. Maier*, and *N. Chu*, Eastman Kodak Co.



The Technology Council Analysis of Traveling Matte Performance Parameters: A Progress Report, *Bruno George*, Consultant, and *Jonathan Erland*, Composite Components Co.

Video Compression and Systems Interconnection

Session Chair: *Phil Livingston*, Panasonic

Video Compression: The Case of the Reluctant Reality, *Charles Hintz*, California State University

MPEG Splicing, *Barry Hobbs*, NDS Americas, Inc.

Factors to Consider When Choosing an MPEG-2 Encoder, *Neil Brydon*, DiviCom, Inc.

Fast Transcoding of Compressed Bitstreams by Reusing Incoming Motion Vectors, *Stuart Golin*, Sarnoff Corp.

Aspects of Digital HDTV Coding, *Gordon M. Drury*, NDS Limited

Bridging the Gap to DTV, *Jocelyn Ouellet* and *Michael Robin*, Miranda Technologies

THURSDAY AFTERNOON, October 29

Transmission and Receiver Technology—Reception Realities

Session Chair: *Robert Seidel*, CBS Television Network

WRAL-HD DTV Complete Field Testing Report, *Luther H. Ritchie*, WRAL-HD/Capitol Broadcasting Co.

Beyond the Studio Walls, *Thomas Ertel*, Artel Video Systems

Optimization of DTV Signals Within a Transmission Plant, *Brett Jenkins* and *Ray Kiesel*, Comark



Globo TV's HDTV Experimental Transmission, *P. H. Castro*, *A. E. Silva*, and *L. Costa*, Globo TV Network

The Latest Technologies Used for NHK's Hi-Vision Broadcasts, *Hiroyuki Tanaka*, NHK

Transmitter and Receiver Technology—Latest Digital Techniques, *Dan Shine* and *David Glidden*, Microwave Radio Communications

DTV Transmitter Installation Experience and Planning: A Report from the Field, *David Sparano*, Harris Broadcast Corp.

THURSDAY AFTERNOON, October 29

Video Compression and Systems Interconnection

Session Chair: *Phil Livingston*, Panasonic

DTV: The Technical and Operational Challenges, *Tim Jones*, Turner Entertainment Group

Requirements on Video Server

Capacity, *John Cvetko* and *Ying Ki Kwong*, Tektronix

Taking Control in a New Studio Environment, *David Haycock*, Artel Video Systems

The Futility of Mezzanine Routing and Distribution, *Robin Wilson*, DiviCom, Inc.

Wrappers and Metadata Progress Report, *Oliver Morgan*, Avid Technology Inc.

Advanced Television Systems Consideration for Compression, *Gary Demos*, DemoGraFX

FRIDAY MORNING, October 30

Telecine and Digital Electronic Post

Session Co-chairs: *Gary Morse*, Warner Bros., and *Dave Bancroft*, Philips Digital Video Systems

Presenting Widescreen and Standard Services Side by Side: The BBC Experience, *Ian Baker*, BBC

Transportation of Video in a Mixed Format Environment, *Brad Medford*, Pacific Bell/SBC

Format-Independent Post-Production, *Bob Pank*, Quantel Ltd.

Networking Infrastructure for DTV, *Peter Owen*, Quantel, Ltd.

Transferring Film to 720-Line Progressive Video: A Pioneering Experiment, *Randall Hoffner*, ABC, Inc.

Digital Film Mastering in the Era of Digital Broadcasting, *C. Bradley Hunt*, *C. Risebury*, and *P. Swinson*, Cintel, Inc.

The Millennium Mastering Maze — Film in DTV, *David J. Bancroft*, Philips Digital Video Systems

Sound Post-Production and Transmission

Session Chair: *Chuck Meyer*, NVision

5.1 Audio—The Final Frontier of DTV, *Joe Fedele*, Fedele & Associates

Digital Telecommunications for Sound and Images—The State of the Art, Fall 1998, *Tom Scott*, EDnet

Discreet Multi-Channel Audio for Post and Broadcast, *John Knapton*, Audio Processing Technology Ltd.

Improving Microphone Equalization for Dialog, *Tomlinson Holman*, TMH Corp. and University of Southern California Schools of Cinema-Television and Engineering

Program Presentation Using the ATSC Audio System, *Steve Lyman* and *Stan Cossette*, Dolby Laboratories, Inc.

Metadata Issues for ATSC Audio, *Steve Lyman* and *Stan Cossette*, Dolby Laboratories, Inc.

FRIDAY AFTERNOON,

October 30

Film Laboratory and Theater Technology

Session Chair: *Joe Fineman*, Foto-Kem, Inc.

Improvements in Laser Beam Technology for Subtitling on Polyester Prints, *Dimitri Balachoff*, Meuter-Titra Labs

A Review of the Basic Principles of Developer Turbulation, *Kenneth D. Fowler*, Eastman Kodak Co.

An Introduction to Kodak Vision Color Print Films, *James Merrill*, Eastman Kodak Co.

Cinema Trends in Curved Screens and Projection Lens, *Glenn Berggren*, Cine-Consultant

The Embodiment of Perfection: Advancing Applications to the Linear Loop Motion Picture Projector, *David Drzewiecki*, Motion Process Co.

Servers and Video Data Management

Session Chair: *Richard A. Mizer*, Westport Media Resources

This session will address the broadcast industry's transition to a tapeless environment. A variety of interface and performance issues exist that SMPTE engineers take a leading role in solving. The papers presented will identify and address some of those issues. They include:

Open Broadcast Networking, *Chandy Nilakantan* and *Jonathan Claman*, SkyStream

Living with Video Servers in a Digital Broadcast Facility, *Michael Pusateri*, Disney Channel

Adding Hyperlinks to Digital Television, *V. M. Bove*, *J. Dakess*, *S. Agamanolis*, and *E. Chalom*, MIT Media Laboratory

Understanding and Using WAN Connectivity with Video Servers, *Al Kovalick*, Hewlett-Packard Co.

Asset Management in the Digital News Environment, *Paul Stevens* and *Beth Rogozinski*, Silicon Graphics
Right Sized Server Solutions: A Blueprint for Efficiency, *Allan Arthurs*, Quantel

Management of Fibre Channel Based Storage Area Networks (SANs) for Post and Broadcast, *Harry Aine*, SAN Solutions, Inc.

SATURDAY MORNING, October 31

Electronic Cinema — Progress Report: Movies as Data

Session Chair: *Garrett Smith*, Paramount Pictures

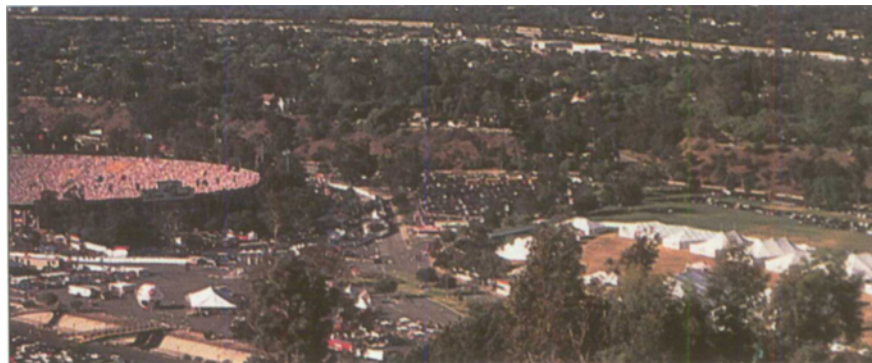
Laser Projection, Sound Screen, and Cyber Cinema — New Ways in Cinema Technologies? *Christhard DETER*, LDT, and *Werner EYMANN*, EMC Dahlquist/EMC LASERDREAMS.

A DVB-Compliant Electronic Cinema Solution, *W. Ruppel*, *S. Breide*, Deutsche Telekom, and *M. Dutka*, and *C. Moldrzyk*, Technical University of Berlin

Component Serial Digital Video Transport Over Wavelength-Multiplexed Fiber Optic System, *Andrew Osmond* and *Steven L. Storozum*, Video Products Group, Inc.

Improving the Quality of Film to Digital Transfers for Electronic Cinema, *Matt Cowan* and *Loren Nielsen*, Entertainment Technology Consultants

TBA, *Bill Werner*, Texas Instruments, Inc.





Test and Measurement

Session Chair: *David K. Fibush*, Tektronix, Inc.

Test and measurements of modern digital television systems require a combination of traditional and newly developed methods. This session will include a number of papers on picture quality assessment, a method of stressing compressed systems, and some techniques for uncompressed HDTV measurements. Tentative Papers Include:

Equipment and Strategies for Service Quality Monitoring in Digital Television Networks, *J. Baina* and *G. Goudezeune*, TDF

Objective Picture Quality Measurements: Expectations Today and Tomorrow, *David K. Fibush* and *Mihir Ravel*, Tektronix, Inc.

Test Card "M" — Bitstreams for DVB Test and Measurement, *Bruce Devlin* and *Paul Walland*, Snell & Wilcox

Assessing the Quality of Compressed Pictures Using a Perceptual Model, *Wilfried Osberger*, SCSN, Queensland University of Technology

Testing Applications in Uncompressed HDTV Signals, *Jim Waschura*, SyntheSys Research, Inc.

The Revolution in Assessing and Monitoring Video Image Quality,

Philip Corriveau, Communications Research Center, and *Arthur Webster*, U.S. Dept. of Commerce, (NTIA/ITS)

Perceptual Effects of Noise in Digital Video Compression, *Charles Fenimore* and *John Libert*, National Institute of Standards and Technology, and *Stephen Wolf*, Institute for Telecommunications Sciences

Equipment Exhibition

The Equipment Exhibition will present products and services from many of the industry's top companies from Thursday, October 29 to Saturday, October 31 (see p.824-826). Eighty percent of the convention center's floor space has been purchased. If you're interested in joining the marquee companies of the industry, space is still available in 10 x 10 ft., 20 x 20 ft., and larger sizes. For more information, contact Steven Antolick by phone (202) 857-1173, fax: (202) 429-5112, or e-mail: steven_antolick@dc.sba.com.

Social Events

SMPTE's traditional social events have become a favorite of conference attendees. They present an opportunity to catch up with old colleagues as well as network with new acquaintances. The Industry Luncheon will be held on Thursday, October 29 followed by the Welcome Reception in the evening. Friday's social events include the Fellows Luncheon and the Honors and Awards Reception recognizing excellence in the motion imaging industry.

Registration and Housing

Why pay full-price for this conference when you can receive a \$200 discount if you register by September 26, 1998. Simply fill out the registration form included in this month's *Journal* and return it to SMPTE Headquarters.

Hotel registrations can be made through the Pasadena Convention and Visitors Bureau. Participating hotels include Doubletree, Holiday Inn, Pasadena Hilton, and the Ritz Carlton Huntington Hotel. An official housing form is also provided in this month's *Journal* which entitles you to conference discount rates upon submittal. Reservations will be assigned with consideration of your expressed hotel preference and date received. Forms must be received no later than September 17, 1998 and should be mailed to the Pasadena Convention and Visitor's Bureau, Housing Department, 171 S. Los Robles, Pasadena CA 91101, or faxed to (626) 844-0790. If you do not receive confirmation of your reservation within 30 days, contact the Housing Bureau Coordinator at (626) 795-9311.

For More Information

Further information will be published in the News and Notes and SMPTE Reports sections of the *Journal*. Be sure to log onto SMPTE's web site for the latest up-to-the-minute information.

—*Jermaine Hall*



HOUSING RESERVATION FORM

140th SMPTE Technical Conference and Exhibit

October 28 – 31, 1998

PLEASE READ IMPORTANT NOTES BEFORE COMPLETING THIS HOUSING RESERVATION FORM

HOTEL	SINGLE 1 bed, 1 person	DOUBLE 1 bed, 2 people	DOUBLE/DOUBLE 2 beds, 2 people	TRIPLE 2 beds, 3 people	QUAD 2 beds, 4 people
DOUBLETREE 191 N. Los Robles Ave. <i>{Parking for overnight guests is currently \$4.00 (self - park) and \$ 9.00 (valet) per day}</i>	\$ 135.00	\$ 145.00	\$ 145.00	\$ 155.00	\$ 165.00
HOLIDAY INN 303 E. Cordova <i>{Parking for overnight guests is currently \$5.00 (self - park) per day}</i>	\$ 103.00	\$ 103.00	\$ 103.00	\$ 113.00	\$ 126.00
PASADENA HILTON 150 S. Los Robles Ave. <i>{Parking for overnight guests is currently \$5.00 (self - park) and \$10.00 (valet) per day}</i>	\$ 103.00	\$ 113.00	\$ 113.00	\$ 128.00	\$ 143.00
RITZ-CARLTON, HUNTINGTON HOTEL 1401 S. Oak Knoll <i>{Parking for overnight guests is currently \$7.00 (self - park) and \$17.00 (valet) per day}</i>	\$ 170.00	\$ 185.00	\$ 185.00	\$ 225.00	\$ 250.00

RESERVATION DEADLINE: SEPTEMBER 17, 1998

PLEASE TYPE OR PRINT

Name: _____ Daytime Phone # (____) _____
(First) (M. I.) (Last) Evening Phone # (____) _____
 Fax # (____) _____

Are you an exhibitor? Yes No

Organization/Affiliation: _____

Home Address: _____ City: _____ State: _____ Zip: _____

Arrival Date: _____ Departure Date: _____

Room Occupied by: _____
{California State Law requires all occupants to be registered}:

Accommodations desired: Single Double (1 bed) Double/Double (2 beds) Triple Quad

Hotel Preference: 1st _____ 2nd _____

Special Request(s) based on availability: _____

A deposit for the first nights lodging must accompany this request. The deposit will be credited to your account and will assure reservations being held. Cancellation or alteration of this reservation must be made 72 hours prior to arrival or deposit could be forfeited. Room rate does not include Bed Tax of 11.49%.

Visa Mastercard American Express Card Number : _____ Expiration Date: _____

Will this credit card be used for payment at the hotel? Yes No

Signature (required): _____ Print card holder's name: _____

Housing request with deposit must be received by September 17, 1998.

Fax or mail housing request to:

PASADENA CONVENTION AND VISITORS BUREAU, Housing Department 171 S. Los Robles, Pasadena, CA 91101

TELEPHONE: (626) 795-9311

FAX: (626) 844-0790

SMPTE REGISTRATION FORM

140th SMPTE Technical Conference and Exhibit

Pasadena Convention Center • Pasadena, CA

October 28 – 31, 1998

CHECK REGISTRATION DESIRED	BEFORE 9/25/98	AFTER 9/25/98
Full Conference: <i>Member</i>	\$400 <input type="checkbox"/> ¹	\$500 <input type="checkbox"/> ²
Full Conference: <i>Nonmember</i> .....	.600 <input type="checkbox"/> ³	700 <input type="checkbox"/> ⁴
Full Conference: <i>Student Member</i> .....	.25 <input type="checkbox"/> ⁵	25 <input type="checkbox"/> ⁵
Full Conference: <i>Student Nonmember</i> .....	.50 <input type="checkbox"/> ⁶	50 <input type="checkbox"/> ⁶
Life Member/Life Fellow .....	.50 <input type="checkbox"/> ⁷	50 <input type="checkbox"/> ⁸
Sessions Only: <i>Member</i>	\$.250 <input type="checkbox"/> ⁹	\$300 <input type="checkbox"/> ¹⁰
Sessions Only: <i>Nonmember</i> .....	.350 <input type="checkbox"/> ¹¹	400 <input type="checkbox"/> ¹²
Sessions Only: <i>Student Member</i> .....	.30 <input type="checkbox"/> ¹³	30 <input type="checkbox"/> ¹³
Sessions Only: <i>Student Nonmember</i> .....	.40 <input type="checkbox"/> ¹⁴	40 <input type="checkbox"/> ¹⁴
Seminar Only: <i>Member</i>	\$.200 <input type="checkbox"/> ²¹	\$300 <input type="checkbox"/> ²²
Seminar Only: <i>Nonmember</i> .....	.400 <input type="checkbox"/> ²³	500 <input type="checkbox"/> ²⁴
Seminar Only: <i>Student Member</i> .....	.30 <input type="checkbox"/> ²⁵	30 <input type="checkbox"/> ²⁵
Seminar Only: <i>Student Nonmember</i> .....	.40 <input type="checkbox"/> ²⁶	40 <input type="checkbox"/> ²⁶
Exhibits Only	\$.25 <input type="checkbox"/> ⁶⁰	\$25 <input type="checkbox"/> ⁶⁰
Extra Tickets:		
Welcome Reception	\$.40 <input type="checkbox"/> ²⁷	\$40 <input type="checkbox"/> ²⁷
Industry Luncheon .....	.50 <input type="checkbox"/> ²⁸	\$50 <input type="checkbox"/> ²⁸
Honors & Awards Reception .....	.50 <input type="checkbox"/> ²⁹	\$50 <input type="checkbox"/> ²⁹
Fellows Luncheon (<i>Fellows/Life Fellows Only</i>) .....	.50 <input type="checkbox"/> ³⁰	\$50 <input type="checkbox"/> ³⁰
Partners Program (<i>One-Day Itinerary</i>) .....	.150 <input type="checkbox"/> ³¹	150 <input type="checkbox"/> ³¹

Full Conference Registration: Includes all events

Sessions Only: Includes all events except the Wednesday Seminar.

Seminar Only: Includes admission to the Wednesday Seminar and the Exhibits

Life Members and Life Fellows: Receive registration for the sessions, seminar, and exhibits at a reduced rate. Separate event tickets are extra.

Registration credentials will be available for pickup on site.

PAYMENT METHOD (U.S. Dollars)

- Check (*payable to SMPTE*)
- MC Visa AmEx

Acct. # _____

Exp. Date. _____

Name on Card (please print) _____

Signature _____

Please use one form for each person.
Please print legibly or type.

Changes and Cancellations:


- Cancellations must be made in writing.
- A \$50 administrative fee will be incurred.
- No refunds or cancellations postmarked after October 7, 1998

Attention Nonmembers!

Avoid paying \$200 more than members by joining SMPTE now at \$95 annually, and receive the *SMPTE Journal*, monthly. Check the "New Member" option below and add \$95 to the "Full Conference Member" rate. Membership credentials will be mailed.

- New Membership
- New Student Membership

TOTAL AMOUNT DUE \$ _____ U.S. Dollars

Name _____	
Company _____	
Address _____	
City _____	State _____ Zip _____
Tel _____ Fax _____	
SMPTE Member? Yes _____ No _____ Membership # _____	
RETURN FORM TO:	
SMPTE Fax: (914) 761-3115 Web Registration: http://www.smpte.org	MAIL: SMPTE 595 West Hartsdale Ave., White Plains, NY 10607-1824
INFORMATION: (914) 761-1100	



140th Technical Conference and Equipment Exhibit

Exhibit Directory

- Artel Video Systems** Booth: 323
237 Cedar Hill Street
Marlboro, MA 01752
Phone: 508-303-8200 x25
Fax: 508-303-8197
Email: mturano@artel.com
Website: www.artel.com
Contact: Margaret Turano
- Audio Accessories** Booth: 431
PO Box 360
Marlow, NH 03456
Phone: 603-446-3335
Fax: 603-446-7543
Email: audioacc@patchbays.com
Website: www.patchbays.com
Contact: Rosie Alexander
- Axon Digital Design** Booth: 229, 231
Sporakkerweg 2B
Udenhout, 5071 NC
The Netherlands
Phone: 31-13-511-4500
Fax: 31-13-511-4151
Email: axon@axon.nl
Website: www.axon.nl
Contact: M. R. Bijkerk, President
- Broadcast Store** Booth: 210, 212
1840 Flower Street
Glendale, CA 91201
Phone: 818-551-5858
Fax: 818-551-0686
Website: www.broadcaststore.com
Contact: Lou Claude
- Canare Corp.** Booth: 410, 412
531 Fifth Street
Unit A
San Fernando, CA 91340
Phone: 818-365-2446
Fax: 818-365-0479
Email: bbrenner@canare.com
Website: www.canare.com
Contact: Barry Brenner,
Chief Operating Officer
- CommScope, Inc.** Booth: 230
3642 Highway 70 East
Claremont, NC 28610
Phone: 828-324-2200
Fax: 828-459-5099
Email: agood@commscope.com
Website: www.commscope.com
Contact: Andrew Good,
Manager, Trade Shows
- Communications
Specialties Inc.** Booth: 235
89K Cabot Court
Hauppauge, NY 11788
Phone: 516-273-0404
Fax: 516-273-1638
Email: info@commspecial.com
Website: www.commspecial.com
Contact: Tedd Jacoby,
National Accounts Manager
- Crispin Corp.** Booth: 425
1300 Paddock Drive
Raleigh, NC 27609
Phone: 919-790-8813
Fax: 919-790-2413
Contact: Alan Devaney, President
- Data Check Corp.** Booth: 415
9918 Via Pasar
San Diego, CA 92126
Phone: 619-578-0101
Fax: 619-578-9215
Contact: William L. Acosta
- DiviCom Inc.** Booth: 317
1708 McCarthy Blvd.
Milpitas, CA 95035
Phone: 408-490-6739
Fax: 408-490-6647
Email: mrvivas@divi.com
Website: www.divi.com
Contact: Maria Rivas,
Marketing Events Manager
- DNF Industries** Booth: 338
9970 Glenoaks Blvd.
Suite #D
Sun Valley, CA 91352
Phone: 818-252-0198
Fax: 818-252-0199
Email: info@dnfindustries.com
Website: www.dnfindustries.com
Contact: Dan Fogel, President
- Dolby Laboratories, Inc.** Booth: 132
100 Potrero Avenue
San Francisco, CA 94103
Phone: 415-558-0200
Fax: 415-863-1373
Email: dkw@dolby.com
Website: www.dolby.com
Contact: David Watts,
Vice-President, Sales and Marketing
- DSC Laboratories** Booth: 443
3565 Nashua Drive
Mississauga, Ont. L4V 1R
Canada
Phone: 905-673-3211
Fax: 905-673-0929
Email: dsc@dsclabs.com
Website: www.dsclabs.com
Contact: Susan Corley,
Adminstrator
- DTC Communications** Booth: 311
75 Northeastern Blvd.
Nashua, NH 03062
Phone: 603-880-4411
Fax: 603-880-6965
Email: bdrowns@dtccom.com
Website: www.dynapix.com
Contact: Bonnie Drowns,
Marketing Administration
- DVS** Booth: 242, 243
Digital Video, Inc.
4444 Riverside Drive
Suite 102
Burbank, CA 91505
Phone: 818-846-9444
Fax: 818-846-7444
Email: nordahl@digitalvideo
systems.com
Contact: Tore B. Nordahl,
Vice President
- Gepco International, Inc.** Booth: 312
2225 West Hubbard
Chicago, IL 60612
Phone: 312-733-9555
Fax: 312-733-6416
Email: gepco@gepco.com
Website: www.gepco.com
Contact: Greg Hansen,
VP Sales and Marketing
- Hewlett-Packard Co.** Booth: 428
5301 Stevens Creek Blvd.
Mailstop: 52U/VB
Santa Clara, CA 95052
Phone: 408-553-3835
Fax: 408-553-3001
Email: yvette_selva@hp.com
Website: www.hp.com/go/broadcast
Contact: Yvette Selva



Exhibit Directory

Leader Instruments Corp. Booth: 308, 310
380 Oser Avenue
Hauppauge, NY 11788
Phone: 516-231-6900
Fax: 516-231-5295
Email: testeq@aol.com
Contact: George Gonos,
Director of Marketing

Leitch Booth: 117
920 Corporate Lane
Chesapeake, VA 23320
Phone: 757-548-2300
Fax: 757-548-4088
Contact: Greg Green,
Marketing Specialist

Lighthouse Digital Systems, Inc. Booth: 335
PO Box 1802
Grass Valley, CA 95945
Phone: 530-272-8240
Fax: 530-272-8248
Email: bkeach@aol.com
Website: www.litehs.com
Contact: Noel McAleese

Microwave Radio Communications Booth: 138
20 Alpha Road
Chelmsford, MA 01824
Phone: 978-250-1110 x5528
Fax: 978-256-6225
Email: rmackay@compuserve.com
Website: www.cm-mrc.com
Contact: Rosemary MacKay,
Marcom Manager

Miller & Kreisel Sound Booth: 442
10391 Jefferson Blvd.
Culver City, CA 90232
Phone: 310-204-2854 x24
Fax: 310-202-8782
Email: dougosborne@mksound.com
Website: www.mksound.com
Contact: Douglas Osborne,
Pro Solutions Manager

Miranda Technologies Booth: 213
2323 Halpern
St. Laurent, Que. H4S 153 Canada
Phone: 514-333-1772
Fax: 514-333-9828
Email: carchamb@miranda.com
Website: www.miranda.com
Contact: Carolyn Archambault, Director
Marketing and Communications

NDS Americas, Inc. Booth: 236, 238
3501 Jamboree Road
Suite 200
Newport Beach, CA 92660
Phone: 949-725-2548
Fax: 949-725-2545
Email: lhobbs@ndsamericas.com
Website: www.ndsworld.com
Contact: Lisa J. Hobbs,
Marketing Manager

NEC America Inc. Booth: 430, 432
Broadcast Equipment Dept.
1624 West Walnut Hill Lane
Irving, TX 75038
Phone: 972-751-7234
Fax: 972-751-7245
Email: john_leahy@DLMIS.ccgw.nec.com
Contact: John Leahy, Sales Manager

Neutrik USA, Inc. Booth: 232
195 Lehigh Avenue
Lakewood, NJ 08701
Phone: 732-901-9488
Fax: 732-901-9608
Email: neutrikusa@aol.com
Website: www.neutrikusa.com
Contact: Kathi Evans, Supervisor,
Product Marketing and Communications

NVision Booth: 234
125 Crown Point Court
Grass Valley, CA 95945
Phone: 530-265-1030
Fax: 530-265-1021
Email: sandykramer@nvision1.com
Website: www.nvision1.com
Contact: Sandy Kramer,
Media Manager

Odetics Broadcast Booth: 307, 309
1515 South Manchester Avenue
Anaheim, CA 92802-2907
Phone: 714-774-2200
Fax: 714-780-7594
Email: broadcast-sales@odetics.com
Website: www.odetics.com/broadcast/
Contact: Elizabeth Alluis

Panasonic Broadcast and Digital Systems Co. Booth: 217
One Panasonic Way, 2A-2
Secaucus, NJ 07094
Phone: 201-348-7745
Fax: 201-392-6001
Email: mahonr@panasonic.com
Contact: Robert Mahon,
National Marketing Services Manager

PESA Switching Systems Booth: 329, 331
330A Wynn Drive
Huntsville, AL 35805
Phone: 256-726-9200 x137
Fax: 256-726-9271
Email: fglynn@pesa.com
Website: www.pesa.com
Contact: Frankie Glynn,
Marketing Services Coordinator

Phillips Booth: 101
2300 South Decker Lake Blvd.
Salt Lake City, UT 84119
Phone: 801-977-1639
Fax: 801-972-0837
Email: tgardner@mail.philipsdvs.com
Contact: Todd Gardner,
Manager, Events and Exhibitions

Protelevision Technologies Booth: 244
91 McKee Drive
Mahwah, NJ 07430
Phone: 201-529-2188
Fax: 201-529-2109
Email: jmccasland@compuserve.com
Website: www.ptv.pk
Contact: John McCasland,
National Sales Manager

Quantel Inc. Booth: 209, 211
28 Thorndal Circle
Darien, CT 06820
Phone: 203-656-3100
Fax: 203-656-3459
Email: geoff.parker@quantel.com
Website: www.quantel.com
Contact: Geoff Parker,
Exhibition Coordinator

RE America, Inc. Booth: 406, 408
31029 Center Ridge Road
Westlake, OH 44145
Phone: 440-871-7617
Fax: 440-871-4303
Email: cmh@reamerica.com
Website: www.re.dk
Contact: Cathy Huth

Scitex Digital Video Booth: 332, 334
PO Box 2980
Grass Valley, CA 95945
Phone: 530-274-5141
Fax: 530-272-9853
Email: schuttr@scitexdv.com
Website: www.scitexdv.com
Contact: Roger Schutt,
Exhibit Manager



Exhibit Directory

SeaChange Intl. Booth: 123
 124 Acton Street
 Maynard, MA 01754
 Phone: 978-897-0100
 Fax: 978-897-0132
 Email: adelaney@schange.com
 Website: www.schange.com
 Contact: Anne Delaney,
 Event Manager

Sencore Inc. Booth: 135
 3200 Sencore Drive
 Sioux Falls, SD 57107
 Phone: 605-334-0100
 Fax: 605-335-6379
 Website: www.sencore.com
 Contact: Stephane Billet

Silicon Graphics Booth: 301
 2011 North Shoreline Blvd.
 Mt. View, CA 94043
 Phone: 650-933-2986
 Fax: 650-933-0819
 Website: www.sgi.com
 Contact: Patty McDonough,
 Exhibits Manager

Snell & Wilcox Booth: 142, 143
 1156 Aster Avenue
 Sunnyvale, CA 94086
 Phone: 408-260-1000
 Fax: 408-260-2800
 Contact: Adolfo Rodriguez,
 Director of Marketing

Synctrix Booth: 239
 505 North Brand Blvd.
 Suite 1420
 Glendale, CA 91203
 Phone: 818-550-5950 x219
 Fax: 818-550-5959
 Email: tim@synctrix.com
 Website: www.synctrix.com
 Contact: Tim Cowell

SyntheSys Research Inc. Booth: 122
 3475-D Edison Way
 Menlo Park, CA 94025
 Phone: 650-364-1853
 Fax: 650-364-5716
 Email: steven_peters@synthesysre
 search.com
 Website: www.synthesysresearch.com
 Contact: Steve Peters,
 Marketing Communications Manager

Television Equipment Associates, Inc. Booth: 133
 PO Box 499
 South Salem, NY 10590
 Phone: 914-763-8893
 Fax: 914-763-9158
 Email: tea-ny@msn.com
 Website: www.matthey.co.uk
 Contact: Joseph Tociadowski,
 Manager

Thomson Broadcast Booth: 116
 49 Smith Street
 Englewood, NJ 07631
 Phone: 201-569-1650
 Fax: 201-569-1511
 Email: sales@thomsonbroad.com
 Website: www.thomsonbroad.com
 Contact: Jaime Manzano

Trompeter Electronics Booth: 237
 31186 La Baya Drive
 Westlake Village, CA 91362
 Phone: 818-707-2020
 Fax: 818-707-0190
 Email: mark.borton@trompeter.com
 Website: www.trompeter.com
 Contact: Mark Borton

Video Products Group Booth: 111, 113
 1125B Business Center Circle
 Newbury Park, CA 91320
 Phone: 805-375-2855
 Fax: 805-375-2851
 Email: susans@vpginc.com
 Website: www.vpginc.com
 Contact: Susan M. Shiller,
 Vice-President Administration

Videotek, Inc. Booth: 108
 243 Shoemaker Road
 Pottstown, PA 19464
 Phone: 800-800-5719
 Email: 104471,3334@compuserve.com
 Website: www.videotek.com
 Contact: Donald Taylor,
 Sales Engineer, Show Coordinator

Wohler Technologies Booth: 407
 713 Grandview Drive
 South San Francisco, CA 94080
 Phone: 650-589-5676
 Fax: 650-589-1355
 Email: will@wohler.com

Website: www.wohler.com
 Contact: Will Wohler

Zack Electronics Booth: 333
 2514 Channing Avenue
 San Jose, CA 95131
 Phone: 408-324-0551
 Fax: 408-324-1110
 Email: dawad@zackinc.com
 Website: www.zackinc.com
 Contact: Dennis Awad

The following companies have indicated an interest in participating and space has been reserved for them.

Exhibitor	Booth
ADC Telecommunications	129, 131
Anton Bauer	429
Bittree	313
CLARiiON	337, 339
Eastman Kodak Co.	223
IMAS Publishing	411
Network Electronics AS	437
Planon Inc.	330
Sachtler Corp.	100, 102, 104
Sony Corp.	201
Tentel Corp.	434
VAS Group	126

