

134th SMPTE Technical Conference and Equipment Exhibit

Metro Toronto Convention Centre, Canada
November 10 - 13, 1992

The 134th SMPTE Technical Conference and Equipment Exhibit, "Images in Motion — The Second Century," is just around the corner. The event will take place Nov. 10 to 13, 1992, at the Metro Toronto Convention Centre, Toronto, Ont., Canada.

SMPTE Editorial Vice-President Frank Haney, Fox Television Stations, and SMPTE Conference Vice-President L. John Spring, Jr., Allied Film and Video Services, are providing the overall direction for the conference. Haney is in charge of the technical program; the equipment exhibit and general arrangements are being directed by Spring.

Haney has appointed Colin Davis, Kodak Canada, Inc., as Program Chairman.

Fin Quinn, Magnetic South, has been named Topic Chairman, Film. Reporting to him are the Traditional Technologies Committee — which consists of Diane Cappelletto, Kodak Canada, Inc., David Cheng, Fuji Photo Film Canada, and Steve Mayhew, Agfa Canada, Inc.— and Wilson Markle, Telesat, who is serving as the Film/Electronic Interface Technologies Committee. John Baptista, CFI, is Program Vice-Chairman, Motion Pictures.

David George, Imagineering, Ltd., is Topic Chairman, Video. He is supported by Lou Montana, Consultant, who is serving as the Traditional Technologies Committee, and Jim Morrison, Imagineering Ltd., who is acting as the Computer/New Technologies Committee. Peter Smith, NBC, is Program Vice-Chairman, Television.

Technical Program

The technical program will be divided into three main areas: television, film, and multimedia. During

the four-day conference over 115 papers, exploring innovations in motion imaging and examining advances and directions in established motion-picture and television technologies, will be presented.

The conference will offer morning and afternoon sessions, covering a wide array of topics. There will be 16 technical sessions, including Compressed Video Imaging, Film Post-Production and Projection

Technologies, Design/Development of CBC's New Toronto Broadcast Centre, Video Crossroads, Laboratory Technology/Preservation and the Environment, Large-Format Film Technology, Television Digital Systems (Part 1), Film Production and Sound Technologies, Television Digital Systems (Part 2), Production Technology Application, Advanced Television Systems, and Television Recording Technology.

Program Committee

Editorial Vice-President.....	Frank Haney
Program Chairman.....	Colin Davis
Program Vice-Chairman (Video).....	Peter Smith
Program Vice-Chairman (Film).....	John Baptista
Topic Chairman (Video).....	David George
Topic Chairman (Film).....	Fin Quinn
Post-Production Tutorial Chairman.....	Harvey Rogers
Multimedia World Tutorial Chairman.....	Shaker Sabri

Arrangements Committee

Conference Vice-President.....	L. John Spring
General Arrangements Chairman.....	Fung Lam
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Auditor.....	Edie Ballantyne
A/V Projection/PA/Recording Chairman.....	Edward Holmes
Banquet Chairman.....	Howard Wilkinson
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Honors & Awards Luncheon Chairman.....	Peter Laidlaw
Fellows Luncheon Chairman.....	Walter Bebenek
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Opening Films/Tapes Chairman.....	Grant Dearnaley
Publicity Chairman.....	Maurice French
Registration Chairman.....	Stephen Pumple
Partners Program Chairwomen.....	Kay George, Lenore Wilkinson

Special Sessions/Tours

Two technical sessions will take place outside of the convention center. On Wednesday, Nov. 11, presentations will be made at Skydome, where registrants will also observe the largest indoor television screen currently in use, and Cinesphere - Ontario Place, where attendees will view the world's largest film format.

On Thursday, Nov. 12, the multimedia portion of the program will feature a special session, entitled "Beyond the Desktop," which will include a selection of multimedia-related paper presentations and interactive events that will require some audience participation. The session will be held in conjunction with the Toronto section of the Association of Computing Machinery/Special Interest in Graphics (ACM/SIG-GRAPH).

Also on Thursday, the television portion of the program will feature "Digital Television Day." Throughout the day, sessions will be devoted to issues relating to digital television technologies. On Friday morning, the Film Session will offer a panel discussion on the topic of "Electronic Post-Production and Visual Effects." Leading-edge professionals will play a significant role in this event.

Multimedia Workshop Program

During the four-day conference, hands-on workshops focusing on multimedia will be offered. The sessions will feature demonstrations and close interaction with media integration technology, as opposed to a lecture-type format. One workshop will be offered each day of the conference: Multimedia Production will be held on Tuesday, from 2 to 5 p.m.; Teletraining and Distance Learning will take place on Wednesday, from 9 a.m. to 12 p.m.; Multimedia Communications will be on Thursday, from 9 a.m. to 12 p.m.; and Information Access and Retrieval will conclude the workshop program on Friday, from 9 a.m. to 12 p.m.

All-Day Tutorials

As an added educational opportunity, two all-day tutorials, "Multimedia World" and "The Post Experience," will be offered on Nov. 9. The Post Experience tutorial is detailed in an article on page 708.

Hotel Rates (Canadian Funds):

	Single	Double/Twin	Suite
Sheraton Centre Hotel	\$128	\$128	\$300-\$500
Sheraton Towers	170	170	425-650
L'Hotel	127	132	
Royal York	125	125	295-985

A goods-and-services tax (GST) will be applied to the above prices (taxes subject to change). Shuttle buses will run between the convention center and the Sheraton Centre, Sheraton Towers, and Royal York hotels. L'Hotel is adjacent to the convention center.

On-Site Registration Rates (Canadian Funds):

Weekly: Member*	\$360
Fellow	360
Nonmember*	470
Student Member	FREE
Student Nonmember	40
Partner*	155
Life Member/Life Fellow*	FREE
Author (day of paper only)	FREE
Press	FREE
Daily: Member	110
Nonmember	130
All-Day Tutorials (lunch included): Member/Nonmember	155
Student Member/Nonmember	70
Honors and Awards Luncheon (if ordered separately)	50
Fellows Luncheon**	55
Banquet	90
Full Banquet Table (seats 10)	900
Workshops	70 (each)
Equipment Exhibit only (unlimited days)*** Members	25
Nonmembers	30

*Includes Honors and Awards Luncheon.

**Fellows and Life Fellows Only.

***Admission to the equipment exhibit is included with conference, all-day tutorial, or workshop registration. Members of the BKSTS, FKTG, SPSE, SBE, ATS, ITVA, and AES may register at the member rate.

On-Site Registration Rates (U.S. Funds):

Weekly: Member*	\$300
Fellow	300
Nonmember*	390
Student Member	FREE
Student Nonmember	35
Partner*	130
Life Member/Life Fellow*	FREE
Author (day of paper only)	FREE
Press	FREE
Daily: Member	90
Nonmember	110
All-Day Tutorials (lunch included): Member/Nonmember	130
Student Member/Nonmember	60
Honors and Awards Luncheon (if ordered separately)	40
Fellows Luncheon**	45
Banquet	75
Full Banquet Table (seats 10)	750
Workshops	60 (each)
Equipment Exhibit only (unlimited days)*** Members	20
Nonmembers	25

*Includes Honors and Awards Luncheon.

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Multimedia World

Multimedia World will provide both theoretical and hands-on coverage of multimedia tools and applications; discussion will be devoted to display, processing, control, and communications. Information on computer platforms — PCs, Macintoshes, and workstations — will be presented, and forecasts of the technology's future will be offered.

"Film, broadcasting, and computer professionals have all been integrating bits and pieces of various media into their work, but recently there has been a rapid explosion in electronic multimedia and it has become very affordable," said Multimedia World Program Chairman Shaker Sabri, Bell Northern Research. "We have to start looking at multimedia as having potential to dictate the way we will conduct our day-to-day business."

The tutorial will include an overview of the many multimedia standards that exist and are under development, including SMPTE, ISO, and CCITT standards. In addition, the session will address the topics of multimedia production, covering the process of creating electronic multimedia productions and demonstrating techniques for bringing together sound, full-motion video, stills, graphics, and text; tele-training and distance education, focusing on interactive, easily accessible educational materials; productivity and groupware, highlighting work group and networking arrangements; and multimedia applications, covering the process of communicating and conveying information interactively. Presenters at the tutorial will include Sabri, John Robinson of the University of Waterloo, John Bell of IIS Technologies, and Louise Guy of Public Technology.

HDTV Demonstrations

Throughout the conference there will be all-day HDTV demonstrations. Vision 1250 — a group of European broadcasters, manufacturers, independent video and film producers, and transmission authorities who are committed to the production of HDTV programs — will show the results of film-to-tape transfers and tape-to-film transfers and the latest HDTV productions, including footage from the Summer Olympics. NHK and The 1125/60 Group will also present demonstrations.

Panel Discussion

In addition to the traditional papers presentations and product displays, the conference will offer a two-part panel discussion open to all attendees. "Effects of Digital Video on Future Processing," will be held from 12:30 to 1:30 p.m. on Wednesday, Nov. 11, and Thursday, Nov. 12. The panel discussion, which is being offered free of charge, is being sponsored by Phillips Publishing Co.

Equipment Exhibit

The equipment exhibit will be open from 10 a.m. to 6 p.m. on Tuesday, Wednesday, and Thursday, and from 10 a.m. to 2 p.m. on Friday. To date, numerous companies from North America and abroad are scheduled to exhibit the industry's newest products and latest innovations. The show floor will feature displays from many long-time exhibitors, as well as such first-time participants as Hewlett-Packard. A complete exhibitor directory with booth locations and product descriptions begins on page 709 of this *Journal*.

Registrants at the all-day tutorials, workshops, or technical sessions will be granted free admission to the exhibit. **Please note:** No one under the age of 12 will be permitted on the show floor. Children between the ages of 12 and 15 must wear badges and be accompanied at all times by an adult.

New Technology Room

The highly successful New Technology Room will again be featured at this year's exhibit. A number of companies are taking advantage of this facility, which offers exhibitors a special location to introduce their wares and services to the press and other interested parties. Participants will include Magna-Tech Electronic Co., NVision, Telemetry Inc., For•A Corp. of America, Panasonic Corp., Quantel, Jastram, Filmtechnik, and Multidyne Electronics Inc. The New Technology Room will be located on the exhibit floor.

Creativity Clinics

Creativity Clinics will be a new feature at the SMPTE Equipment Exhibit. During these sessions, well-known industry experts will offer demonstrations on the creative aspects of motion-picture and television production. Creative lighting

techniques, underwater motion imaging, audio effects, and aerial filming are among the topics that are expected to be covered.

The lighting clinic will be held twice each day of the conference. Each two-hour clinic will be run by a different specialist. Some of the people conducting the hands-on sessions will be Peter Edwards, a three-time Emmy Award winner and founder of the Canadian chapters of the Society of Television Lighting Directors and the Illumination Engineering Society; Rene Osahi, a Gemini and Genie Award winner, who has done lighting for a number of feature films and television programs, including "The Wonder Years"; Tom Schwartz, a Gemini and Genie Award winner and an internationally recognized lighting designer with such credits as The Summer Olympics for CTV; Adrian Goldberg, a renowned lighting designer and a Gemini and Genie Award winner with credits that include "America's Most Wanted"; and Myles Patterson, a pyrotechnician who recently received the Gold Medal in the Benson and Hedges International Symphony for Fire for his work representing China.

The lighting clinics will cover such topics as illuminating automobiles for commercials and lighting dramatic scenes using actors and blocking. The event will be sponsored by the Canadian Society of Cinematographers, the Society of Television Lighting Designers, and Lightsource, Inc., which is also conducting the sessions.

Special Services

For the convenience of conference attendees, the SMPTE has enlisted the assistance of Sack Sitters. For a small fee, the company will offer such services as packaging, shipping, faxing, and photocopying. Sack Sitters will also serve as a message center, an inbound receiving area for deliveries, and a storage area for items such as coats, briefcases, packages, etc.

Consultants Center

A special area in the exhibit hall will be housed by some of the industry's leading consulting firms. Attendees will be able to obtain information on products and services and seek advice and solutions regarding technical difficulties.

Registration Information

Daily on-site registration will be available for the conference beginning Sunday, Nov. 8, at the Metro Toronto Convention Centre, from 1 to 6 p.m. On Monday, the registration desk will be open from 7:30 a.m. to 6 p.m.; on Tuesday, Wednesday, and Thursday, the hours will be from 8 a.m. to 6 p.m. On Friday, the desk will be open from 8 a.m. to 12 p.m.

Please note: All registrants who are entering Canada must have either their passport, voter's registration card, or birth certificate to enter the country. Driver's licenses will not be accepted.

Hotel/Travel Information

Rooms have been reserved at special rates for conference attendees at the Sheraton Centre Hotel, Sheraton Towers, L'Hotel, and Royal York. To qualify for these special rates, registrants must submit the housing form and payment by Oct. 9, to SMPTE Housing Bureau, 207 Queen's Quay W., P.O. Box 126, Suite 590, Toronto, Ont., Canada. Those paying by credit card can fax the form to (416) 367-9088; no telephone calls will be accepted. Please do not mail these forms to SMPTE Headquarters. An official SMPTE Housing Form appears on page 705.

Complimentary shuttle buses will run between the Convention Centre and the Sheraton and Royal York hotels. L'Hotel is adjacent to the Convention Centre.

Travel arrangements can be made now by calling Media Travel U.S.A. at (800) 283-8747 for discounted fares on air travel, Amtrak transportation, and car rentals. Be sure to mention that you are attending the SMPTE conference to get the best rates.

Committee Meetings

Most of the SMPTE engineering, administrative, and editorial committee meetings will be held at the Metro Toronto Convention Centre. Committee members will be notified in advance of the time and place of their meetings. A complete schedule will be available in the registration area of the convention center.

The ACVL will hold its meeting on Saturday and Sunday, Nov. 7 and 8, at the Sheraton Hotel.

Speakers/Special Events

A special feature at the conference

will be a keynote address during the Opening Session on Tuesday, Nov. 10, by Patrick Watson, chairman of the board of CBC and a noted Canadian television journalist, filmmaker, and writer. Watson's speech, "The Death Stars are a Godsend," will focus on the global effects of technology in the broadcast field.

All attendees are invited to attend the Opening Reception, which will be held Tuesday at L'Hotel, from 6 to 8 p.m. The function, which will feature music and refreshments, is offered at no charge.

Honors and Awards Luncheon

The Honors and Awards Luncheon will be held Tuesday afternoon at the Convention Centre. In addition to the awards presentations, the event will feature guest speaker Dave Broadfoot, a well-known Canadian humorist. Broadfoot, whose humor deals with universal issues, is in constant demand for international conferences of every kind. He has appeared twice before Queen Elizabeth and has performed for former President Ronald Reagan and Prince Philip. Broadfoot is the winner of the Juno Award for comedy recording, 13 Actra Awards for writing and performing comedy in radio and television, and a "Certified Speaking Professional" Award. He is a recipient of the Queen Elizabeth Silver Jubilee Medal, an Honorary Doctorate from Athabasca University, and holds the rank of Honorary Staff Sergeant in the Royal Canadian Mounted Police. He is a veteran of CBC Radio's "Royal Canadian Air Force," and an Officer in the Order of Canada.

Fellows Luncheon

The Fellows Luncheon will take place Wednesday, Nov. 11, at L'Hotel. SMPTE Past-President Maurice French will deliver the Fellows Luncheon address. During the luncheon ceremonies, 15 SMPTE members will be elevated to Fellow status. They are David Acker, For•A Corp.; Per Appelquist, Swedish Television Co.; Marcel Carriere, NFBC; Richard M. Barton, Federation of Australian Commercial Television Stations (FACTS); Jules Cohen, Jules Cohen and Associates; Pete Comandini, YCM Laboratories; John H. DeWitt, Consultant; Gerald R. Finn, Pasadena City College;

Alfred F. Giddings, Ocean Images Unlimited, Inc.; Michael O. E. Hausdoerfer, BTS Broadcast Television Systems GmbH; John G. S. Ive, Sony Broadcast and Communications; Charles Poynton, Sun Microsystems; Andrew G. Setos, Fox, Inc.; Daniel E. Slusser, Universal City Studios; and Peter D. Symes, Grass Valley Group.

Attendance at the luncheon is limited to Fellows and Life Fellows. A Fellow of the Society is one who is no less than 30 years of age and has, by proficiency and contributions, attained an outstanding rank among engineers or executives in the motion-picture, television, or related industries.

Annual Banquet

A gala event is planned for the evening of Thursday, Nov. 12, at the elegant Royal York Hotel. Following a reception from 7 to 8 p.m., the banquet will take place in the concert hall, specially transformed for the occasion. Dancing to the big-band sound of the internationally famous Spitfire Band will be featured. Entertainment will also be included in the evening's program.

This year, the Annual Banquet and Reception will be held the night before the conference ends so that exhibitors will be able to meet with attendees and schedule appointments for the following day.

Partners Program

An exciting Partners Program will take place during the conference, starting with a Welcoming Tea on Monday, Nov. 9, and continuing with interesting daily activities. On Tuesday, participants will tour the recently refurbished Elgin and Wintergarten Theatres before joining other conference attendees at the Honors and Awards Luncheon. A special day is planned for Wednesday, offering partners the opportunity to visit Niagara Falls and the picturesque town of Niagara-On-The-Lake. Lunch will be served at historic Queenston Heights, on the Niagara escarpment. On Thursday, a drive through the city of Toronto will introduce participants to the unique makeup of the city, and will include a visit to the CN Tower, which offers a breathtaking, panoramic view of Toronto, Toronto Islands, and Lake

Ontario. Lunch will be served at the elegant Vaughan Estate on the Don River.

Sponsored Activities

The SMPTE would like to thank the following sponsors for their gen-

erous support: Eastman Kodak Co., Dolby Corp., Filmlab Engineering Pty. Ltd., Consolidated Film Labs, NBC, Ampex Canada, Command Post and Transfer, Medallion PFA Film and Video, 3M Corp., Fuji Photo Film Canada Inc., Phillips

Business Information, Inc., NHK Corp., Vision 1250 Group, and The 1125/60 Group, Sony Corp. of Canada, Spot Film and Video Inc., and CBC.

—Carol King

All-Day Tutorial

The Post Experience

Metro Toronto Convention Centre, Canada, November 9, 1992

The Post Experience, an all-day tutorial to be held on Nov. 9, will provide an overview of modern motion-picture and television post-production. The event will precede the 134th SMPTE Technical Conference and Equipment Exhibit, which will be held Nov. 10 to 13. Both the tutorial and the conference will take place at the Metro Toronto Convention Centre.

"The Post Experience is aimed at people who want to know more about post-production," said Harvey Rogers, YTV, organizer of the tutorial. "As post-production technology becomes more sophisticated, this seminar provides a rare overview of the current technology and methods used by the post-production community.

"If people who work on the production side, for example, understand post-production, then it's easier for everyone to work together on a film, television show, or commercial," Rogers added. "Everyone needs to be part of the process — secretaries, production assistants, financial people — to do their jobs more effectively."

Throughout the day, experts from across North America will be revealing the tricks of their trade. Participants in the session will be given an overview of sound editing, Foley artistry, automated dialogue replacement (ADR), off- and on-line editing, and special effects and distribution. Topics to be covered will include how each layer of sound effects and ADR is added to a motion-picture or video scene, the different uses of off- and on-line editing, how to mix the high-resolution medium of film origination with video technology to create motion-

picture and television special effects, and low-cost sound techniques used in multimillion dollar movies.

Technical Program

The educational content of The Post Experience will be presented in a multimedia format. Registrants will be guided through the post-production process by an animated, wisecracking host, who will introduce each segment. The audience will be taken directly into an editing suite — via a 10-ft video screen — where they will participate in the editing of a scene from YTV's "Maniac Mansion."

Emphasis throughout the day will be placed on audience participation. They will select shots from the dailies of "Maniac Mansion" to create a finished scene using off-line editing and sound post-production techniques; the voices of volunteers will be used in the ADR process.

During the tutorial, registrants will also see firsthand how electronic video technology can enhance the capabilities of motion-picture film in a documentary entitled *The Making of the Kodak Olympic Commercial*. The film, which was put together by Eastman Kodak Co., gives a behind-the-scenes look at the production of the company's commercial, which was created specifically to be aired during the Summer Olympics in Barcelona.

Speakers at the tutorial will include Michael Beard, WMB Productions; Andy Malcolm, Film House; John Gajdecki, Visual Effects; David Greene, Magnetic Music; Ellen Heine, AdCom/Epix; Dennis Stanbrook, National Caption Center; Mike Ferkanus, International Image;

and Bob Predovich, Masters Workshop. Anne Medina, Canadian Academy of Motion Arts, and Ismé Bennie, Paragon International, will be the guest speakers.

An Informal Atmosphere

Participants at The Post Experience will get more than an insight into post-production. Throughout the day, there will be contests and giveaways, including a grand prize for the attendee who wears the most broadcast and film industry logos. The criteria is one logo per company. Any clothing item — jewelry, pins, T-shirts, etc. — is acceptable. There will be three separate drawings of various items to be won by participants; prizes will include promotional items from movies and television programs.

"Most of these kind of events tend to be very formal," Rogers said. "They don't have pizzazz. Our business is all about showmanship and entertainment, and we want to reflect that in this event. In order to have fun, everyone is encouraged to dress casually."

Admission to The Post Experience includes a sit-down lunch and entry to the exhibit hall. The cost is \$110 for SMPTE members and \$130 for nonmembers (U.S. funds). In Canadian funds the amount is \$130 for members and \$155 for nonmembers. For more information, please contact SMPTE Headquarters at (914) 761-1100.

The Post Experience is the brainchild of the SMPTE Toronto Section. The event, first offered as a two-day seminar last March, was an overwhelming success. More than 150 people, from both the U.S. and Canada, were in attendance.