

## Toronto December 10, 1996

The December meeting was held at Ryerson's Rogers Communications Centre and focused on the digital versatile disc (DVD), once referred to as digital video disc. The four speakers for this event were Jim Morrison, Imagineering Ltd.; Lindsay Takashima, Toshiba of Canada Ltd.; Stuart Hurst, Panasonic of Canada; and Doug Mielke, KAO Infosystems. Morrison focused his presentation on the format war and digital duplication issues that occurred during the incubation phase of DVD. These issues, which have been the cause of much of the confusion about DVD, have for the most part had been set-

led within the last few months.

Takashima looked at DVD's potential. The 4.7-Gbyte capacity of a single-sided, single-layer disc represents the equivalent of seven standard CDs, and when used to its maximum capacity, DVD will be equivalent to 28 CDs. This additional data capacity has led to some new and interesting enhancements that can be accomplished with DVD.

Hurst's presentation included an explanation of how DVDs are manufactured and the laser system employed in a DVD drive. As a consumer hardware company, Panasonic (along with Toshiba and a number of other manufacturers) will be providing DVD hardware, such as players and drives, into that marketplace. Panasonic

will be introducing other DVD products, including an authoring system and DVD disc replication hardware, to other markets.

Finally, Mielke concentrated on the concerns of producing, distributing, and authoring material for DVD. He focused on the process of gathering assets and what the authoring processes involve. He touched on the importance of how processing power can be directed to certain parts of a moving image during an MPEG conversion. If used correctly it can reduce motion artifacts and the data rates stored on the DVD disc, allowing producers to include more data on the disc. — Brad Fortner (Promotions Adviser), Rogers Communications Centre, Ryerson Polytechnic University

## News

### SMPTE President Named to IMMAD's Board of Directors

SMPTE President David L. George, IMMAD Broadcast Services, has been named to that company's Board of Directors. George has been involved in television broadcast engineering and management since



1961, holding such positions as chief engineer and assistant general manager, Newfoundland Broadcasting Company; director of engineering and company director, Global Communications, Ltd.; and president and vice-chairman, Imagineering, Ltd. Most recently he served as president and CEO of George Consulting Group, Ltd., providing consulting services to IMMAD.

George joined the Society in 1974 and was elected to Fellowship in 1988. He has held many leadership positions, including Editorial Vice-President and Executive Vice-President. His work with the Toronto Section was recognized with the Citation for Outstanding Service to the Society in 1989. He is also a member of the Electrical Engineering Faculty Advisory Committee of Ryerson Polytechnic University and the Ontario Association of Certified Engineering Technicians and Technologists.

### Atlanta Section Planning All-Day Symposium

An all-day educational symposium is being planned by the Society's Atlanta Section. This event, scheduled for Saturday, March 8, will include such topics as MPEG-2 video compression, uncompressed AES/EBU digital audio, AC3 audio compression, and Musicam audio compression.

For more information, contact Secretary/Treasurer Dick Perin, Sony Electronics Inc., Norcross, GA 30071; tel: (770) 263-9888, fax: (770)-441-8870.

**The National Association of Broadcasters (NAB)**, an SMPTE Sustaining Member, has announced that Ellen Hancock, Apple Computer, Inc., will present the keynote address at the 1997 NAB MultiMedia World Conference, which is being held concurrently with NAB '97 at the Las Vegas Convention Center and Sands Expo Center, Las Vegas, Nev., April 5 to 10, 1997. Hancock's speech is scheduled for 9:00 a.m. Tuesday, April 8, at the Sands Expo Center.

For more information regarding NAB '97 and NAB MultiMedia World, contact the NAB's fax-on-demand service at (310) 216-1847, or access the organization's Web site at <http://www.nab.org>.

**Rick Utley** has been named vice-president and chief operating officer of FPC, Inc., a Kodak subsidiary. Utley, who has more than 30 years of operations and management experience at MGM Laboratories, Technicolor Laboratories, and the PROTEK film preservation vault operated by FPC, will be responsible for operations at FPC headquarters in Los Angeles as well as its facilities in Mountain City, Tenn., and Milan, Italy.

**"Digital Video Technology"** is a short course providing an intensive overview of the state of the art in studio-quality digital video being offered by the UCLA Extension from April 2 to 4. Intended for computer system designers, engineers, programmers, and/or technicians, it emphasizes ways to use digital video technology to bring smooth motion and accurate color to computing. For those involved in the television industry, this course should impart an

understanding of digital images in computing to facilitate the application of video systems, equipment, and techniques to the rapidly expanding area of multimedia. Charles Poynton, Poynton Vector Corp., is the program's coordinator and lecturer, and he is being joined by lecturer Robin Wilson, DiviCom. For more information about this program, contact Short Courses, Department of Engineering, Information Systems and Technical Management, UCLA Extension, 10995 LeConte Ave., Ste. 542, Los Angeles, CA 90024, tel: (310) 825-1047, fax: (310) 206-2815, e-mail: [mhennes@unex.ucla.edu](mailto:mhennes@unex.ucla.edu).

**The CIE 2nd Expert Symposium on Colour Standards for Imaging Technology** will be held November 20 to 21, 1997, in Scottsdale, Ariz., following the IS&T/SID Fifth Color Imaging Conference. Representatives from the CIE, ISO, IEC, and ITU Technical Committees will report on the progress of their work, followed by individual contributions (papers and posters) and round table discussions. The purpose of this meeting will be to inform users of imaging technologies on new standard methods and practices and provide the international organizations with feedback from members of the imaging technology fields.

Authors are invited to submit two-page extended abstracts of their proposed contributions in English, no later than May 31, 1997, to CIE Central Bureau, Kegelgasse 27, A-1030 Vienna, Austria, or e-mail: [ciecb@ping.at](mailto:ciecb@ping.at) (do not send abstracts via fax). Authors will be notified of acceptance of their abstracts by July 1, 1997. Instructions for preparing of camera-ready copy of papers will be forwarded to accepted authors. Final camera-ready copy is due at the Symposium.

For further information, contact the CIE Central Bureau at the above address.