

the Dolby Digital version was clean.

Then, using other clips to demonstrate various points, Vernon played the uncompressed original, the Dolby Digital version, and then the difference version (compression artifact noise signal without the masking), which was doubled in level to make it all the more obvious. The secret to audio compression is letting the noise corrupt the audio only where the audio is not heard.

Various instruments present different challenges and Dolby Digital errs on the side of caution—lowering the quantization noise from somewhat less to much less than a listener can perceive. In addition to a “Five Easy Pieces” demo and the various special clips, two film clips were also used to accentuate Vernon’s talk.

This was the last time Vernon will be available, as he is very busy with engineering work. However, Dolby Laboratories, Inc. has prepared a version of this presentation and has speakers that can present to other sections, with or without the film clips. (The film requires appropriately certified theatrical acoustics.) If your section is interested, please contact Dolby Laboratories via e-mail at [Dolby@dolby.com](mailto:Dolby@dolby.com). They need about 3 to 6 months to schedule a presentation.—Charles Hintz, (Past Chair), CSU-Hayward

## Toronto

### September 10, 1998

David Hunter, CTV, kicked off SMPTE Toronto’s 1998-99 Section Meetings season with an open house at CTV’s News1. News1 is a Canadian headline news specialty service. Of special interest to the 100 attending members was the implementation of file server technology along with the associated production methodology employed there. In the case of CTV’s News1, Tektronix Profile file servers are central to the operation and Hunter started the evening with a presentation on the engineering criterion that was employed in the design of the service. After the presentation, the section was treated to some refreshments courtesy of CTV and a tour of the News1 facilities.

The meeting also marked the introduction of Fred Benedikt as the section’s new chair. Newly elected Board members include Randy Conrod, Leitch Technologies, Bruce Cowan, City TV, Mike Demming, Sony of Canada, David Hunter, Baton/CTV, Roger Keay, Rogers Communications, Tony Meerakker, Magnetic North, and David Plant, Silicon Graphics of Canada. Carolyn Kinzie has also joined the board as SMPTE Student Chapter Advisor. Continuing with the Board will be Tom Allwood, Deluxe Toronto Ltd., who will assume the position of Secretary/Treasurer, Paul Thomas, Dome Audio Video and Effects, Reid Robertson, Panasonic Broadcast, Harvey

Rogers, Alliance Broadcasting, Bruce Wiseman, Imagineering Ltd., and Brad Fortner, Ryerson Polytechnic University. Loreto Leombruni, Kodak Canada, and Mark Ritchie, Heritage Resources Associates, will re-join the Board in Special Advisor roles as will Walter Zessner as Membership Chair.

Also recognized were those who served with the section over the past few years. They included Michael Martin, Comlink Systems Inc., Chris Bell, TMN Networks Inc., Gord Harris, Imax Corp., John Quanz, Sony of Canada Ltd., and Diane Cappelletto, Kodak Canada Inc. Ed Holmes, Global Television Network, who just completed serving as Toronto Section Chair, will remain on the Board as Past Chair, Toronto section. David Corley, DSC Laboratories, and Fung Lam, Sony of Canada, also sit on the Toronto Board.

A special ceremony took place at the beginning of the meeting recognizing the contributions of both the SMPTE members and sponsors who took part in organizing

and running the series of SMPTE Toronto Experiences. Rogers, who championed the concept, recently stepped down as Experience Chair. Rogers and Cappelletto managed to organize and run eight experiences over a six-year period. Topics of the Experience series included the Post Experience, the Television Experience, the Movie Experience, and the Non-Linear High-Definition Experience.

Section members recognized for their efforts with individualized glass plaques included Cappelletto, Fortner, Morrison, Quast, Ritchie, Rogers, Linda Grubb, Immad, John Howells, Sony of Canada. Sponsors receiving glass plaques included Deluxe Toronto, IBM, Kodak Canada, Panasonic Canada, and Sony of Canada. The sponsors were recognized because of their ongoing support of the various SMPTE Experiences throughout its six-year span.—Brad Fortner (Promotions Adviser), Rogers Communications Centre, Ryerson Polytechnical University

## Books, Booklets, Brochures

The **Focal Encyclopedia of Electronic Media** by Christopher Sterling is an authoritative and comprehensive CD-ROM text directed to applications of electronic media technology. The text features over 4,000 entries from more than 50 leading experts offering comprehensive coverage of audio, video, TV, and computer based communications. Entry emphasis is placed on clear language, organization, illustrations, and ease of use. Applications, processes, definitions, and the use of equipment are described in detail. The search and retrieval and cross-referencing functions of the CD-ROM allows users to quickly locate information. With the query syntax and tools provided to help analyze search results, users can quickly find needed information. Hypertext links throughout the product point you to other locations where related information can be found. Illustrations, tables, and video and audio clips are also provided to support the information.

**Nemal Electronics International** has published a 20-page catalog of cable, connectors, and related products for broadcast applications. The catalog includes detailed engineering specifications on more than 500 hundred items, together with tooling and application information. The catalog is available in print form and online at <http://www.nemal.com>. For additional information or to request a copy, contact Nemal Electronics at (800) 522-2253, fax: (305) 895-8178, email: [info@nemal.com](mailto:info@nemal.com).

## Calendar

### SMPTE Activities

ORLANDO, FL—33rd SMPTE Advanced Motion Imaging Conference, Omni Rosen Hotel, *February 25-27, 1999.*

SYDNEY, AUSTRALIA—SMPTE '99, *July 13-16, 1999.*

NEW YORK, NY—141st SMPTE Technical Conference & Exhibit, *November 19-22, 1999.*

For more information on these and other SMPTE activities contact SMPTE Headquarters: (914) 761-1100, Fax: (914) 761-3115

### June 1999

TV Montreux 1999 International Television Symposium and Technical Exhibition, Montreux Switzerland, Info: Montreux International Television Symposium and Technical Exhibition, P.O. Box 1451, Rue du Theatre 5, CH-1820 Montreux, tel: +41 21 963 32 20, fax: +41 21 963 88 51, e-mail: [message@symposia.ch](mailto:message@symposia.ch), Internet: <http://www.montreux.ch/symposia>. *June 10-15, 1999*