

# Section Meetings

## Hollywood September 2005

The Linwood Dunn Theater at the Academy of Motion Picture Arts and Sciences Pickford Center was the venue for more than 100 attendees at the first meeting of the new season, on September 27.

The Section was honored to have the American Society of Cinematographers (ASC) Technology Committee as the featured speakers. The ASC traces its roots to the early 1900s. There were many early meetings between ASC and members of the SMPTE, which was also founded in the same period. This meeting continued the synergy between the two organizations.

After a lavish social hour, hosted by Dalsa Digital Cinema, Eastman Kodak, and Panavision Inc., and a short film entitled *The Cinematographer*, compliments of Dick May of Warner Bros., the meeting was brought to order by recently elected Section Chair Patricia Keighley, vice-president and general manager, DKP 70MM Inc. Keighley introduced Curtis Clark, ASC, Chair of the Technology Committee, which was founded three years ago and includes both ASC members and technology leaders from all sectors of the industry.

Clark introduced the Chairs of the various sub-committees, which cover all aspects of the imaging chain. Speakers included, Steering (Chair) Daryn Okada, ASC; Workflow (Co-Chairs) Al Barton, Gary Morse; Camera (Chair) Dave Stump, ASC, (Vice-Chair) Richard Edlund, ASC; Camera Assessment Series, Metadata (Chair) Dave Stump, ASC; Digital Intermediate (Chair) Lou Levinson, (Vice-Chair) Josh Pines; Digital Display (Chair) Glenn Kennel; Advanced Imaging (Chair)

Gary Demos; Archiving-Preservation (Chair) Grover Crisp.

Each sub-committee gave a brief summary of their mission and their current projects. Some of the accomplishments included the collaboration with the DCI organization to create the stEM footage that has become a standard for testing digital cinema projection. The committee has addressed workflow issues in a digital world: working with camera manufacturers to use metadata as a means to preserve the cinematographer's artistic intent throughout the workflow for years to come; examining pre-visualization systems and standardization of technology within many areas of the capture, delivery, and preservation chain.

The two-hour meeting concluded with a Q and A session.

—Bruce Berke, Section Member

## Toronto August 2005

Members of the Toronto Section converged on Panasonic Canada's Toronto office for the Section's 13th Annual Technical Seminar, a two-day HDTV Boot Camp. Borrowing an idea from SMPTE's Rocky Mountain Section, board members Paul Stechly, Mike Prest, Reid Robertson, and Brad Fortner organized the seminar around 15 presentations from companies currently involved in HDTV deployment.

Day-one speakers included *Phil Keeling*, Canadian Digital Television, who discussed "Aspect Ratio and Consumer Electronics in Canada;" *Tony Delp*, Thomson Grass Valley, "HD Production Consider-



Marty Goddard presents the opening session on day-two of the Toronto Section's HDTV Boot Camp. [Photo credit: Gordon D. Stephen]

## Washington, D.C. September 2005

The Section meeting on September 15 was held in the auditorium of Professional Products, Inc., in Gaithersburg, MD. Approximately 25 members and guests received an excellent presentation titled "Challenges in HDTV Studio Lens Design," by Laurence J. Thorpe, national marketing executive, Broadcast and Communications Division of Canon.

Thorpe spoke on the complexities of HD lens design when used with a

2/3 in. image sensor. He stated that the design of lenses is the science of optimization, and described how four or five months of computer modeling takes place before a first optical sample is created. Producing the proper Modulation Transfer Function (MTF) is the key to accurate scene reproduction, with resolution measured in Lp/mm. Thorpe also explained the other factors associated with the dynamics of modern zoom lenses technology, as the lens is exercised throughout its zoom range.

The presentation, which lasted about an hour, was followed by a Q & A session. Canon provided a hot buffet and refreshments during the social hour, before the formal meeting. The Section would like to thank Larry Thorpe and Canon for a job well done, and Professional Products for their hospitality.

—Rudy Niznansky, Section Member



Presenter Phil Keeling at the Toronto Section's HDTV Boot Camp.  
[Photo credit: Gordon D. Stephen]

ations;" *Michael Waidson*, Tektronix, "High-Definition Measurements;" *Brent Broadhurst*, Apple Canada, "DAS, NAS, SAN, Fiber Channel, and Cluster File Systems;" *Robert Kassies*, Belden CDT Canada, "High- Definition Cable Installation;" *Jean-Claude Krellic*, Miranda Technologies, "HD/SD Conversion;" *David Craig*, Panasonic Canada, "HD Acquisition Using Varicam, P2 DVCPRO HD;" and *Calvin Judges*, Sony Canada, "HDCAM SR."

On day two, members were enlightened by *Marty Goddard* of Wohler Technologies who discussed Multichannel Audio for HDTV; *Dan Mance*, Leitch, "HD Graphics;" *Brian Young*, Sony of Canada, "HDV;" *Sarkis Abrahamian*, Evertz, "HD Closed Captioning;" *Paul Pace*, Evertz, "Fiber Optics and RF for Broadcast and Facility Applications;" *Tony Howard*, Tandberg Television, "HD Compression," and *Ketan Bhaidasna*, Modulation Sciences, "Measuring the 8VSB Signal."

Sponsors of the event included Evertz, Grass Valley, Leitch, Miranda, Panasonic, and Tandberg. The event, which drew attendees from across the continent, attracted 60 new members, many from the IT imaging sector. The Section also acknowledges members Mark Ritchie and Gordon Stephen, along with Rosie Patey and Lily Yung of Applied Electronics, who put in countless hours organizing the seminar.

—Mike Prest, Section Manager



Washington, D.C., Section Chair Karl Kuhn (l) and Bob Lambert of Professional Products (c) with Presenter Larry Thorpe.