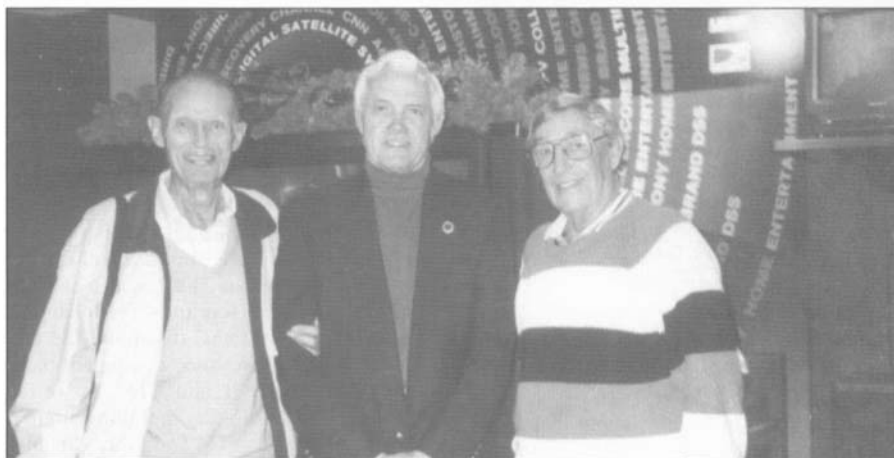


Section Meetings



Left to right, former SMPTE Presidents Kenneth M. Mason (1975-1976) and Blaine Baker (1991-1992) with Bob Gale at the Florida/Caribbean meeting in January.

Atlanta February 12, 1996

Chip Dukes, Internet Learning Center, provided the 25 attendees with an update on the history of the World Wide Web as well as demonstrated what current Web pages can look like. He also discussed creating a home page, conducting daily business on the Internet, and judging the effectiveness of a Web page. — Kathleen Wood (Secretary/Treasurer), Grass Valley/Tektronix

Detroit February 13, 1996

The February meeting was held at WJBK-TV; 20 members and guests attended. The speaker, Jerzy Kanicki, University of Michigan Center for Display Technology and Manufacturing, discussed "Thin Film Transistors — Liquid Crystal Displays for the Year 2000." The U. of M. is involved in a joint venture with OSI, a division of Guardian Glass, the only manufacturer of Active Matrix displays in the U.S. Kanicki described the differences between active, passive, and plasma displays, as well as the manufacturing process involved in making the Active Matrix panels. He described the components of the liquid crystal display with the hydrogenated amorphous silicon (a-Si:H) as the most commonly used active device in today's thin film transistor. He emphasized that the low electron mobility in a-Si:H ultimately could limit the size and resolution of the future display; 28-in. screens have been manufactured and demonstrated, and the maximum size of the display is currently seen as 40 in. The hang-on-the-wall TV screen with high-definition display will be a reality, but a picture larger than 40 in. will probably be a

projected image. A question-and-answer period followed, after which the meeting was adjourned. — Harold L. Miller (Secretary/Treasurer), Harold Miller Associates

Florida/Caribbean January 13, 1996

The January meeting, sponsored by Sony, was held at Disney/MGM Studios in Orlando; the topic was tape applications to theatrical production. Following the meeting, Sony treated the attendees to a VIP tour through MGM Park. — Kenneth M. Mason, ret.

Hollywood January 17, 1996

Sony Pictures Studios was the site of the January meeting; 175 members and guests attended. Robert Rast, General Instruments Communications, briefed the audience on the digital HDTV Grand Alliance and then discussed the technology, the standards-setting process, and the outlook for the new service. The new digital broadcast standard expected to be finalized by the FCC in the first half of 1996 will support HDTV, SDTV, Dolby surround sound audio, and ancillary data and is based on digital HDTV Grand Alliance technology. The presentation included a display of HDTV images processed through the Grand Alliance system. — Roy Brubaker (Chair), Crest National Videotape & Video Laboratory

Hollywood February 13, 1996

Over 200 people came to the February meeting, held at the KCET facilities and

SMPTE SECTION CALENDAR

Hollywood

For further information contact Secretary/Treasurer Gail Ringer, Ringer Video Services, tel: (818) 954-8621, fax: (818) 954-8431, or the Section's hotline at (818) 771-8103.

- May 15: A Tour of Web Sites and an Introduction to the Internet
- May 18: Seminar — Preparing for the Digital Videodisk
- June: date and topic to follow

New England

For further information contact Manager Robert Lamm, CYN Corp., tel: (617) 277-4317, fax: (617) 232-8748

- May 22: Film Processing and X-Fer

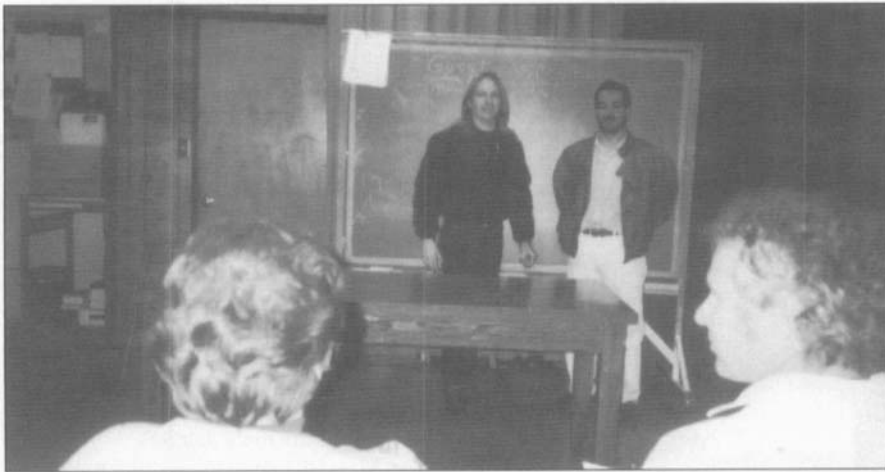
Toronto

For further information contact Stephen Pumple, IMMAD: (905) 470-2545, ext. 225, fax: (905) 470-2559.

- Tuesday, May 14, 1996: Annual NAB Wrap-Up
- Tuesday, June 11, 1996: New Media Technology. Last meeting for the year.

To publicize your Section events, please send announcements to SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607, tel: (914) 761-1100, fax: (914) 761-1100. Information must be received by the 15th of the second month preceding issue date (e.g., November 15th for January issue).

entitled "Telecine: The Technical Process." Alan Masson, Eastman Kodak Co., provided the introduction and discussed the applications for three telecine test and color alignment films. Alan Ross, BTS Television Systems, gave a technical description of the CCD-based Quadra telecine. Peter Swinson, Rank Cintel, gave a talk on the flying spot Rank Urso Gold Telecine. Topics covered included acquisition and optical characteristics as well as the different signal processing and image positioning features available in each telecine. The meeting was followed by a question-and-answer period. — Roy Brubaker (Chair), Crest National Videotape & Video Laboratory



Napa Valley College students were addressed by two alumni at their February meeting.

Napa Valley College February 8, 1996

The two speakers at the February meeting were graduates of the Napa Valley College Television Program and currently work at Scitex Digital Video, Inc. Rada Diyab, who graduated in 1994, began by describing his duties as a test technician on D-1 and D-2 switchers and how he moved to a new product line. He explained that it was very difficult in the beginning but the training he received at Napa Valley College was directly related to his work, while his performance was recognized as above average. He encouraged his audience by stating that the courses he had taken at Napa Valley College were extremely difficult, but in the long run, well worth the effort.

Michael Height, a 1982 graduate, was very impressed with the technological changes in the Napa Valley College facility, stating that the students were very fortunate to have state-of-the-art equipment for training. Skilled in intense analog and digital television systems, Height described his work experiences and current position. He was very knowledgeable and answered all tech-

nical questions in detail. Saying that "The instructor gave us a start in television," he felt that it was his duty to pass on his knowledge to others. For those concerned about job placement after graduation, Height said, "There are many people less fortunate without the technical background working in the industry today." In closing, he handed out informative brochures and invited those present to call him any time with questions. — Randy Harvey (President) and Jessica Turnipseed (Secretary)

New York November 17, 1996

NBC hosted 70 members and guests on the set of "Saturday Night Live" for its November meeting, "Flashback...The Way It Was At Candid Camera." This meeting was the third in a "Flashback" series. Martin Rich, film editor and production manager for "Candid Camera," recalled that it was the first show on the new ABC network in the late 1940s, became part of the Jack Paar and Gary Moore shows in the 1950s, was on the top ten list of network television shows for most of the 1960s, and has been in syndi-

cation ever since. "Smile! You're On Candid Camera" was a descriptive but simple title, but keeping it in sync without benefit of slates or clap sticks wasn't simple. Early methods of synchronizing double-system picture and sound were described, including matching nonsync track to picture. The need for hidden mikes and cameras resulted in the invention of some humorous and unorthodox technical practices. Throughout his talk, Rich regaled the audience with film clips from some of the funniest sequences.

The second half of the evening was devoted to "High-Speed Local Area Networking — Can The Local Net Keep Up With Video Demands?" Mordechai Fester, Cisco Systems, discussed the current state-of-the-art video equipment using Fast Ethernet, FDDI, and ATM, as well as upcoming technologies including higher-speed versions of ATM and Fibre Channel. Fester also spoke of methods of maximizing usage of existing bandwidth using switched networking versus shared bandwidth. — Ed Schuller (Manager), Entertainment Video Systems

Rochester February 13, 1996

At the February meeting, billed as a "Digital Video Camera Clinic," three new products were shown and explained to the 26 members and guests who gathered in Studio A of WHEC-TV (NBC). Tony Short, Sony, demonstrated the new BVP-500/550 digital camera family. Gordon Tubbs, Canon Broadcast Equipment, showed his company's new lens, the Canon IF Plus, as well as the IS-20B Image Stabilizer Adapter. — Thomas W. Hope (Secretary Pro. Tem.), Hope Reports

San Francisco December 14, 1995

Forty-five members and guests met at the Contract Design Center, San Francisco, to



At the New York meeting in November, Martin Rich reminisced about his days working for "Candid Camera."



Mordechai Fester discussed networking from the video perspective at the November meeting in New York.

hear a presentation on Digital Film Restoration given by Charles Lamb, Cinerin. Digital restoration of film — scanning film into an HDVS digital format and making color corrections and blemish corrections — is a solution for color dye fading and other damage that can occur to film that has been stored for an extended period of time. Using a liquid gate on the Oxberry Model 6400 with a digital film scanner and Parallax Software creates wonderful results, which were projected for all to view. Lamb then presented and compared traditional optical methods versus digital techniques, using 35mm film tests. The president of Oxberry, Alfred Thumim, was available to add comments and answer a number of questions about resolution-independent film digitizing. He

also showed some scenes from *Apollo 13* and *True Lies*, in which the Model 6400 helped create truly amazing special effects. Limited tours of Western Image were available for members and guests immediately after the program. — Charles Hintz (Secretary/Treasurer), KTVU-TV

San Francisco February 15, 1996

Fifty-five members and guests were on hand at Dolby Laboratories Theater, San Francisco, to hear Ioan Allen, Dolby Laboratories give his tutorial "The History of Stereo Sound on Film." This overview of audio sound on film technology started with Alan Blumlein's first efforts in the

1930s and ended with a train crashing into a bus in *The Fugitive*. Most of the landmark stereo optical soundtrack formats were discussed, and samples of film were projected to show how the stereo tracks have been produced with variable area, variable density, two variable area tracks per channel, and digital tracks. Noise reduction and recovery of usable audio spectrum have been hallmarks of the Dolby efforts in sound-on-film work. With each major improvement along the way, Allen was able to demonstrate the outcome with an interesting clip. The program concluded with an analysis and demonstration of current Dolby digital soundtrack technology and a clip from *The Lion King*. — Charles Hintz (Secretary/Treasurer), KTVU-TV

News

The 1996 European SMPTE Conference on Imaging Media is scheduled to be held September 19-21, 1996, at the Cologne Fairgrounds in Germany. The conference, which will run concurrently with Photokina, is designed for suppliers and users and imaging media systems and will focus on such topics as the convergence of imaging media (video and computer), image acquisition and processing, tools for multimedia production and services, digital imaging for film and television, and image display techniques.

A call for papers has been issued for anyone interested in presenting a paper at the conference. The deadline for submitting a 600-word synopsis outlining the content of the paper is June 15, 1996. Materials should be sent to the Program Chair, Dr. Jürgen Heitmann, fax: +49-6155-870853, e-mail: CompuServe 72022.10. For further information about the conference, contact KölnMesse, Dept. Photokina, P.O. Box 21 07 60, D-50532 Cologne, Germany, tel: +49 221/821-2196, fax: +49 221/821-3413.

Mark S. Richer has been named executive director of the Advanced Television Systems Committee (ATSC). He joins the ATSC after 16 years with the Public Broadcasting Service (PBS) where, as vice-president of engineering and computer services, he was responsible for development of new technologies for PBS and



its member stations, design of audio/video systems, and management of computer operations. He was instrumental in the development of technological innovations, including the Line 21 closed captioning for the deaf system for which PBS was awarded an Emmy for engineering development. He was also responsible for the selection and implementation of digital video compression and transmission technology and led PBS efforts in the area of advanced television. He served as Chairman of the System Subcommittee Working Party on Test and Evaluation for the FCC Advisory Committee on Advanced Television Service. In this position, he was responsible for testing proponent ATV systems, including that of the digital HDTV Grand Alliance.

Richer is an SMPTE Fellow, a senior member of the Institute of Electrical and Electronics Engineers (IEEE), and a member of the Executive Committee of the Montreux International Television Symposium.

The ATSC, composed of approximately 50 member corporations, associations, and educational institutions, is a private-sector organization developing voluntary standards for the entire spectrum of advanced television systems, including high-definition television.

Preparing for the DVD: A New Way to Deliver Movies to the Home is a seminar that will be presented by the Hollywood Section on Saturday, May 18, 1996, at the Norris Cinema Theatre on the campus of the University of California, School of Cinema-Television. The seminar begins at

9:00 a.m. with an overview given by John Powers, Warner Bros. The next section, "The Making of a DVD: The Total Process View," will be presented by Jerry Pierce, MCA/Universal; Garrett J. Smith, Paramount Pictures; and Leon Silverman, Laser Pacific Media Corp. Following the lunch break, "The Elements of the Total DVD Process," will feature presentations by Garrett J. Smith; Maurice Shannon, Sunset Post; Craig Todd, Dolby Laboratories; Mark Ely, Sonic Solutions; Paul Heimbach, Viacom International; and Don Hays, ODC.

For more information about the seminar, contact Herb Farmer, USC School of Cinema-Television, tel: (213) 740-2921, fax: (213) 740-2920, e-mail: hfarmer@bcf.usc.edu.

David E. Acker has joined with Tedd Jacoby to form Acker/Jacoby Technology, LLC (AJ Technology), which will design, manufacture, and market advanced video processing equipment. Primary products will include digital image processing, color correction, format conversion, and frame synchronization using the latest in analog and digital technology. The company's emphasis is on the broadcast, post-production, cable TV, presentation, multimedia, and other professional video markets, with an initial focus on developing sophisticated image processors for both digital and analog video formats.

Acker, an electrical engineer with over 25 years in the industry, has designed and developed sophisticated video processing equipment including time base correc-