

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-

tors, frame synchronizers, image processors, and serial digital format converters. In addition, he has directed several video equipment manufacturing companies including Microtime and FOR•A Corp. of America.

**Tektronix Inc.**, an SMPTE Sustaining Member, has announced the formation of Tektronix Video and Networking Systems. Located in the Tektronix Video and Networking Division's Beaverton, Oreg., headquarters, Tektronix Video and Networking Systems will offer turnkey system services for the integration of Tektronix, Grass Valley, and Lightworks Editing Systems products, as well as other manufacturers' products. The new unit has been designed to assume greater responsibility in the definition and implementation of system projects. Additionally, it will enter into long-term consulting, service, and support engagements with customers. Brian Cabeceiras, formerly of Sony's Systems Integration Business, will be heading up Tektronix Video and Networking Systems.

A call for papers has been issued for the Special Sessions at the Joint Meeting of the Acoustical Society of America (ASA) and the Acoustical Society of Japan, to be held in Honolulu, Hawaii, from December 2 to 6, 1996. The Technical Meeting will feature several Special Sessions sponsored by, or in part by, the ASA Committee on Architectural Acoustics. There are three papers sessions — Auralization, Room Acoustical Measurements, and Real Time Sound Field Control for Simulation of Auditoria — as well as a demonstration on computational acoustics. The deadline for

### New Student Chapter

The SMPTE commitment to education has just been extended to include those on the junior and senior high school level. The Mashpee High School Student Chapter, under the leadership of faculty advisers Mike Pietrowski and Robert Miceli, Mashpee School District, Mashpee, Mass., boasts a membership of 22 students in grades 5 through 11. March elections installed a Chair; Executive Vice-Chair; Vice-Chair, Computer Technology; Vice-Chair, High School; Secretary; and Treasurer. The initial meeting, held March 25, established the rules of order for future meetings.

According to Pietrowski, exposing younger students to SMPTE can only be beneficial. "It gives the kids an opportunity to understand the future of technology so that they won't be afraid of it," he said.

SMPTE President Stanley N. Baron, NBC, Inc., was on hand for the formal induction of the chapter on April 25, swearing in the new Chair. More information about the ceremony, as well as names of the Chapter's officers, will be published in a future issue of the *Journal*.

— Aileen Moroney

abstracts is June 24, 1996. The address and instructions for e-mail submissions can be obtained by sending the message "sendme asaabs" to listserv@aip.org. For more information contact The Technical Program Chair, Acoustical Society of America, 500 Sunnyside Blvd., Woodbury, NY 11797, tel: (516) 576-2360.

**The Illuminating Engineering Society of North America (IESNA) Annual Conference** will be held August 5 to 7, 1996, at the Renaissance Cleveland Hotel in Cleveland, Ohio. The conference opens on Monday, August 5, with the annual meeting of the Society, featuring a special keynote address by Robert Ingram, Columbia Lighting, on "The Quality of Light — How Successful Have We Been?" Also on Monday, the IESNA will present its presti-

gious awards at a special luncheon honoring outstanding individuals who have furthered the art and science of lighting or advanced the IESNA's goals and mission. On Wednesday, at the 23rd Annual IIDA (International Illumination Design Awards) luncheon, lighting designers and their work are recognized for outstanding and original lighting design projects.

During the course of this three-day conference, over 50 technical papers will focus on design, theory, measurements and controls, photometry, daylighting, energy, calculations, and roadway lighting. Educational seminars will cover the 1996 NEC, Greenlights, EPACT Update, Electronic and Laser Technology, and the Visual Environment; there will be special sessions on local Cleveland lighting projects, including bridge lighting of the Flats and lighting of the Rock and Roll Hall of Fame and Museum. General business sessions on the World Wide Web and the changing role of distribution will also be held. Two three-hour workshops, "Lighting Evaluations" and "Audits and Photographing Lighting Installations," are slated for Sunday, August 4. On Tuesday, August 6, new products will be showcased, followed by tabletop exhibits by leading manufacturers.

For further information, contact the IESNA, 120 Wall St., 17th Fl., New York, NY 10005-4001, tel: (212) 248-5000, fax: (212) 248-5017/5018.

**The International Association of Broadcasting Manufacturers (IABM)** will commemorate its 20th anniversary during IBC96 by hosting a Celebration Dinner on September 15, 1996, in the Wintergarden at the Grand Hotel Krasnapolsky in Amsterdam. The Association, which formed in London in 1976, has almost 100 members in 11 countries. For details and booking forms, contact IABM Secretariat, P.O. Box 979, Slough SL2 3DL England, tel/fax: +44 (0) 1753 645682.

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