

Technology. Rochester Section members were joined by an enthusiastic group from the RIT Student Chapter to hear about Kovacs' early struggles to establish himself in Hollywood after leaving Hungary with Vilmos Sigmund in the 1950s. His list of credits is well known, including *Easy Rider*, *Ghostbusters*, and *Radio Flyer*. Kovacs noted that the director of photography is in charge of all aspects of cinematography and encouraged his audience to concentrate on lighting, the main tool of the cinematographer. He reassured those present that the unique theatrical experience would ensure the continuation of the feature film industry. — Alan J. Masson (Chair), Eastman Kodak Co.

San Francisco April 30, 1995

More than 70 members and guests met at Silicon Graphics, Inc., to hear WebFORCE Product Manager David Frerich present "CyberSurfing on the InterNet." The first WebFORCE tool demonstrated was an authoring tool for those who are interested in producing products for the World-Wide Web (WWW). The WWW, which supports audio, video, graphics, and text files, is a

layer of the InterNet created in an effort to connect all human knowledge into an organism that is globally accessible. Already heavily used, it is anticipated that the tools to access the WWW will be available to the general public (many free of charge) by the end of this year. System requirements are a fast PC, an ISDN phone line, and a 28K modem. — Charles Hintz (Secretary/Treasurer), KTVU

Toronto March 14, 1995

Over 400 enthusiastic SMPTE members and guests attended the March meeting, held at Cinesphere, at Ontario Place, Toronto. The first speaker was Marty Shindler, Cinesite Digital Film Center, who provided an excellent overall picture of digital imaging systems and the Kodak Cineon process in particular. Digital imaging pioneer Mike Boudry, Computer Film Co., then illustrated different pixel densities in various film formats and, along with stunning examples of his company's work, explained the technical production of a number of realistic special effects.

The third speaker, Gordon Harris, Imax Corp., explained how obstacles in produc-

tion were overcome by the development of specialized equipment. These included water-tight and heat-resistant camera housings, which enable Imax to achieve spectacular images deep underwater and close-ups of space shuttle rocket engines. Samuel Zhou, Imax, then joined the three speakers for a spirited question-and-answer period.

An unscheduled fourth speaker was Graeme Ferguson, co-founder and past president of Imax. Ferguson told a number of anecdotes about events which occurred during the shooting of various productions, including the training of astronauts to be professional Imax camera operators.

Ferguson then introduced the superb 45-minute Imax film, *Destiny in Space*. As a viewer, one could fully appreciate the digital technology used in the production of the incredibly realistic images, such as soaring over the rugged and colorful contours of Mars and Venus. These sequences were created from data collected and analyzed by Jet Propulsion Laboratory from space probes, and imaged by Imax on MGI Solitaire film recorders at their Oakville, Ontario, production facility. — David Corley (Manager), D & S Corley, Ltd.

Books, Booklets, Brochures

Digital Audio and Compact Disc Technology, 3rd ed., by Luc Baert, Luc Theunissen, and Guido Vergult, has been published by Focal Press, 313 Washington St., Newton, MA 02158-1626. Designed for audio engineers, students, and hi-fi enthusiasts, the book contains an easy-to-follow introduction and a new technical description of digital audio tape (DAT). Also covered in this 320-page paperback is a short history of audio technology; the principles of digital signal processing; and overviews of A/D conversion systems and the compact disc medium.

Compression in Video & Audio recognizes the wide variety of compression applications, beginning with its most simplified forms. A chapter on fundamentals contains all the necessary background information necessary for a beginner to follow the rest of the book. This 224-page paperback is written by John Watkinson, an independent consultant in digital video, audio, and data technology, and the author of several books on digital technology. The book is available for \$44.95 from Focal Press, 313 Washington St., Newton, MA 02158-1626.

Producing and Directing the Short Film and Video takes the reader from script to final product, illustrating all of the steps involved in pre-production, production, post-production, and distribution. The book, which looks at filmmaking from the perspectives of both the producer and director, contains stills and scripts from two short narrative films and one short documentary; samples of various production forms; and appendices with information on festivals, grants, insurance, and film schools. The authors are Peter W. Rea and David K. Irving, both of whom are assistant professors of film and television at New York University. For more information, contact Focal Press, 313 Washington St., Newton, MA 02158-1626.

The 1995 IC Master CD-ROM PLUS has been released by Hearst Business Publishing/UTP Division, 635 Stewart Ave., Garden City, NY 11530. A single CD delivers the latest product and design information on 108,000 integrated circuits with more than 20,000 new device listings. Product and vendor information

published in the IC Master catalog, including the Alternate Source Directory, is contained on the compact disk. An annual subscription in the U.S. is \$495.

The 1995 IC Master Alternate Source Directory (ICMASD), an industry-wide cross-reference listing of 127,000 current and discontinued devices, is now available on floppy disk. This newest version includes complete manufacturer contact information and device category information. An annual subscription is \$179.50 and comes on either a 3.5-in. or 5.25-in. high-definition floppy disk. For more information, contact Hearst Business Publishing/UTP Division, 635 Stewart Ave., Garden City, NY 11530.

The Audio/Video Engineer's Guide to Wire, Cable, and Fiber Optics, 2nd ed., provides the reader with detailed information on the uses of wire, cable, and fiber for both analog and digital audio, video, and multimedia. This 151-page book, written by Stephen H. Lampen, is available from the author at 763 SW 15th, Richmond, IN 47374.