

SMPTE's World Wide Web Page Updated

The Society's home page on the World Wide Web has been expanded to include more information about its publications, including the *SMPTE Journal*. A complete list of the publications available from the SMPTE can now be accessed via the Internet, with an order form that allows to e-mail your order directly to Headquarters.

In addition, every abstract printed in the *Journal* during 1995 will also be available to Web readers. With a few simple clicks, you can receive the titles and summaries from all tutorials and technical papers, starting with the January 1995 issue. Author information is also provided.

SMPTE's site on the World Wide Web — which can be reached at <http://www.smpte.org> — is continuously being improved and updated to provide you with the most comprehensive and current information about the Society.

Five-Year Index scheduled for January

The *SMPTE Journal's Five-Year Index*, chronicling all the information that has appeared in the *Journal* from January 1991 to December 1995, will be published in January. Compiled by Production Coordinator MaryAnn Frusciante, the index provides an easy reference to technical papers and tutorials published during the past five years by listing them both according to subject and author. In addition, a guide to Society activities on the local as well as the national level is provided.

Progress Report Deadline December 15

It's not too late to submit material for the 1996 Progress Report. The report, published in April, is an issue that our readers look forward to because it documents the most recent engineering achievements and technical developments in the motion imaging industry. The 1996 Progress Report will provide readers with information regarding new products and facilities that have debuted since January 1, 1995, and will also give an up-to-the-minute look at those innovations to be shown at the NAB Convention in April. International perspectives on the worldwide advancement of the motion imaging industry over the past year will also be featured. If you are interested in making a contribution to the 1996 Progress Report, contact Aileen Moroney, 1996 Progress Report, *SMPTE Journal*, 595 W. Hartsdale Ave., White Plains, NY 10607, tel: (914) 761-1100, fax: (914) 761-3115, by **December 15**,

NATAS Presents Technical Emmy Awards

The National Academy of Television Arts and Sciences (NATAS) has presented its 1994 Technological Achievement and Scientific Development Emmy Awards. The following companies were recognized at a black-tie dinner and ceremony held October 12 at the Sheraton New York Hotel and Towers in New York City:

- Leitch Corp. for the development of the subcarrier and horizontal phasing monitor technology
- Panasonic (Matsushita) Inc., and Sony Electronics, Inc., for the pioneering development in 1/2-in. component digital videotape recording technology
- DirecTV, Inc., and Primestar Partners for pioneering development of direct-to-home digital satellite broadcasting

- The European Broadcasting Union (EBU) and the Audio Engineering Society (AES) for the standardization of the serial digital audio transmission system

The awards are determined by a committee of accomplished television engineers and voted on by a Blue Ribbon Panel. All engineering developments accomplished during the 1994 calendar year are considered for the Emmy Award. The NATAS Technical Awards Committee's Chairman is SMPTE's Financial Vice-President, Charles H. Jablonski, NBC, Inc. The other members were David Horowitz, Horowitz Television Technology Consultants, and Robert W. Smith, Du Art Laboratories.

1995. Please note that extensions to the December 15 deadline will be considered if the material is considered valuable to our readers.

A call for papers has been issued for the **1996 European SMPTE Conference on Imaging Media**, a three-day event being organized by the European Sections of the SMPTE and the Montreux International Television Symposium. Among the topics being considered are tools for multimedia data, application of multimedia data, image acquisition and processing, and image display. All inquiries and paper submission should be forwarded to KölnMesse, Dept. 213, P.O. Box 21 07 60, D-50532 Cologne, Germany, tel: +49 221/821-2196, fax: +49 221/821-3413. The conference is scheduled to take place during Photokina Professional Media, September 18 to 23, 1996, in Cologne, Germany.

Display Works 96 (formerly the Display Manufacturing Technology Conference) will be held at the San Jose Convention Center, San Jose, Calif., from February 6 to 8, 1996. The event, jointly sponsored by the Society for Information Display (SID), the United States Display Consortium (USDC), and Semiconductor Equipment and Materials International (SEMI), features a technical program of more than 60 papers from display manufacturing experts as well as a panel discussion on manufacturing low-cost display modules. There will also be a business development and investment program and a manufacturing equipment and materials exhibition with

over 60 companies scheduled to have booth space. For registration information, contact Mark Goldfarb, Palisades Institute for Research Services, Inc., 1745 Jefferson Davis Highway, Ste. 500, Arlington, VA 22202, tel: (800) 787-7477, fax: (703) 413-1315

Reflector Design — Theory and Practice is a seminar sponsored by TLA Lighting Consultants, Inc., scheduled to take place March 18 to 20, 1996, at the Embassy Suites in Denver, Colo. The content of this seminar will range from fundamental concepts to problem solving workshops. Details about various sources and materials will be presented. A design process, calculation methods, quality considerations, measurements, and design aids will also be included. The instructors for the seminar are Robert E. Levin, Senior Scientist, Osram Sylvania, Inc.; and Thomas M. Lemons, Principal, TLA Lighting Consultants, Inc. Attendance at this seminar is limited and early registration is recommended. The cost of the seminar is \$700. For more information, contact TLA Lighting Consultants, Inc., 7 Pond St., Salem, MA 01970, tel: (508) 745-6870, fax: (508) 741-4420.

Kees A. Schouhamer Immink, Philips Research Laboratories, is the recipient of the 1996 Masaru Ibuka Consumer Electronics Award, given by the Institute of Electrical and Electronics Engineers (IEEE). Immink has been with Philips for his entire professional career and currently holds the position of Research Fellow. He

contributed to the design and development of a variety of digital audio and video recorders, such as the compact disc, compact disc video, DAT, DCC, and multimedia CDs. In addition to his SMPTE membership, he is also a Fellow of the AES, the IEE, and the IEEE. He was the recipient of the 1994 Alexander Poniatoff Gold Medal for Technical Excellence.



The IEEE's Masaru Ibuka Consumer Electronics Award was established in 1987 and is presented for outstanding

contributions to consumer electronics technology.

SMPTE Secretary/Treasurer **Richard L. Thomas** has been named senior vice-president of sales and marketing at Deluxe Laboratories, Hollywood. A 28-year veteran of the Eastman Kodak Co., Thomas served as that company's sales and marketing manager in Hollywood for the past six years. Prior to that, he held such posts as Eastern regional district sales manager and coordi-



nator of engineering services for motion pictures and audio-visual markets. Thomas joined Kodak in 1967 as a photographic engineer after graduating from the University of Minnesota's Minneapolis Institute of Technology with a chemical engineering degree.

Roi Agneta has rejoined Chyron Corp. in the newly created position of vice-president of strategic planning. Agneta had worked for Chyron from 1974 to 1993, where he led the development of such graphics systems as Chyron IV, Scribe, Superscribe and iFiNiT!. He spent the last two years holding senior management positions with Dynatech Corp.'s Video Group.

Section Meetings

Atlanta

September 18, 1995

The September meeting was held at Sony Electronics, Norcross, Ga. That company's Kenneth Hinson introduced his two colleagues, Don Faso and Duane Solem. Faso began the presentation with a basic tutorial on RAID technology. Solem followed with a discussion of the videostore (which was on display) and then moved conceptually through a description of an entirely networked electronic newsroom. Both presenters were sure to qualify their remarks by saying that software development is still under way to execute the entire plan. — Kathleen Wood (Secretary/Treasurer), Grass Valley/Tektronix

Chicago

September 20, 1995

The speaker at the September meeting, Stevan Vigneaux, Avid Technology, provided an overview of the technology behind compressed video production and systems, beginning with a basic review of compression and disk-based editing systems. He then went on to explain data rate requirements for video and RAID disk subsystems in simple terms, and this led to discussion of network connectivity of a large multiuser system that may employ ethernet or ATM. The various pros and cons of these approaches were compared. Also considered were the issues of central servers as the key to a broadcast network topology. The different types of servers — such as file server, application server, and video-on-demand server — were described. Finally, after this hypothetical

system was constructed, potential developments for the future were reviewed. One such advantage might be Wide Area Production, which would allow picture files to be shared not only within one facility, but perhaps by a group of facilities worldwide. — Steve Robinson (Secretary/Treasurer), Serial Scene

Chicago

October 10, 1995

There were 35 people at the October meeting, which was held at the Embassy Suites in Chicago. Christopher Romine, Sierra Design Labs, provided information that would be useful to facilities that operate graphics departments. He reviewed the various common network fabrics in use today and compared them relative to their speed, probable life span, industry acceptance, and cost. Also presented was a check list that can be used by a facility to help evaluate the network fabric that may be the best choice for its requirements. Once this foundation was established, Romine developed a model network based on the SCSI-2 fast connection between graphics workstations and other devices, stressing that SCSI has not generally been thought of as a network fabric. However, upon discussing its attributes relative to the previously discussed check list, it appeared to have many merits. His model was completed by the addition of a SCSI multiplexer, which combines multiple SCSI streams into a single SMPTE 259M video signal and RS-422 commands; these signals then connect to a large digital video disk array that operates as a server to the graphics department. Romine mentioned that this

SMPTE SECTION MEETINGS

Atlanta

For further information contact Secretary/Treasurer Kathy Wood, Grass Valley/Tektronix: (770) 493-1255.

- Tuesday, January 8, 1996: "Update on Digital Imaging."
Host: Kathy Mazza, Kodak

Toronto

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

- Wednesday, January 9, 1996: annual meeting distributed via satellite from Global Centre
Topic to follow
- Tuesday, February 13, 1996: location and topic to follow
- Tuesday, March 5, 1996: "Direct-to-Home Technology (DTH)"
location to follow
- Tuesday, April 9, 1996: location and topic to follow
- Tuesday, May 14, 1996: location and topic to follow
- Tuesday, June 11, 1996: location and topic to follow

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).