

News

The SMPTE and the ITU-RCB will jointly host a workshop on digital terrestrial television broadcasting (DTTB) in conjunction with the 135th SMPTE Technical Conference and Equipment Exhibit. The workshop will be broken down into two all-day sessions to be held on October 29 and November 1.

Experts in their fields will present the technologies and strategies fundamental to the development and implementation of DTTB. Sessions will focus on the underlying technologies of DTTB and their practical application in broadcasting systems, and planning and design. Presentations will be at a level appropriate for senior members of staff of those administrations considering the impact of DTTB on current or future broadcasting services, or considering its implementation.

The workshop is expected to be of wide interest; a special effort is being made to encourage the participation of developing countries. Speakers will be experts in their respective fields and are encouraged to participate in both formal sessions and also in informal, individual, discussions on the specific issues with participants.

Subjects to be covered during the workshop will include compression technology, MPEG-transport and tool boxes, service multiplex, encryption and conditional access, modulation technology, error management, channel coding, system scalability, and receiver programmability. The session will conclude with a panel discussion on DTTB services.

The 135th Conference will take place at the Los Angeles Convention Center from October 30 through November 2, 1993. An all-day tutorial will also be held on October 29.

The SMPTE Experts Seminars, a series of workshops sponsored by the Society, will debut in May in Los Angeles with an all-day tutorial, entitled *Digital Motion Imaging — Putting It Together*. Hardware and software issues related to assembling intermediate-level digital imaging systems for video or film output will be covered, and practical information will be provided on what is needed and what is available. Imaging Systems discussed will range in complexity from high-end Mac and PCs to SGI workstations. Input and output devices will also be covered.

The tutorial will be divided into four areas: Hardware for Digital Motion Imaging, which will deal with the selection of hardware to assemble a digital motion imaging system; Digital Video and Recording, which will cover the current

DVR applications and proper uses, the requirements of digital data recorders based on these formats, and the recording of digital data for high-resolution images and file formats; Software for Digital Imaging, which will cover commercially available software for imaging workstations, its capabilities, and its limitations; and Color Monitor Alignment in NTSC and Computer Imaging, which will center on color temperature alignment and gray-scale set up of color displays in NTSC video and of those used on computer imaging stations. Speakers during the day will include Joe Kane, Jr., an independent producer and technical editor of *The Perfect Vision*, and Craig Birkmaier, president of Professional Productions & Promotions and a writer for *Videography*.

Full details and registration information will be mailed to SMPTE members on the West Coast by the end of this month.

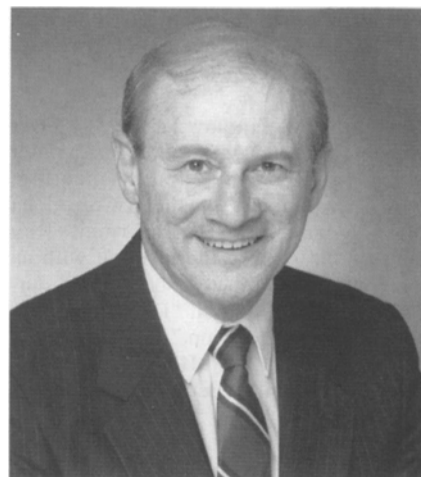
The SMPTE, as a participant in the Engineering, Scientific, and Technical Organization Trust, offers the following type of insurances to eligible members: life insurance, group comprehensive health care, excess major medical, group in-hospital plan, and group disability.

The programs are administered by Seabury & Smith, which is located in Washington, D.C. For complete information, call (800) 424-9883.

The President and International Governors of the Society cordially invite SMPTE members to a reception, sponsored by Sony Corp., at the Terminus Hotel, 22 Rue La Gare, Montreux, on Thursday, June 10, 1993. The function, which will be held from 6:30 p.m. to 8:30 p.m., will take place on the opening night of the Montreux Symposium. The Terminus Hotel is located directly above the Montreux Railway Station.

A new service is available to readers of the *Journal*. Beginning with this April issue, reader service numbers will allow *Journal* readers to obtain information directly from advertisers, as well as from those companies whose items appear in the New Products section of this publication.

SMPTE Executive Vice-President Stanley N. Baron will receive an engineering award for achievement in television broadcasting from the National Association of Broadcasters (NAB) during special ceremonies on April 21, 1993. The presentation will take place during the



Stanley N. Baron

annual NAB Convention in Las Vegas, April 18 to 22.

Baron, who is managing director, technical development, at NBC, Inc., is being honored for his contributions to digital TV systems. He has spent over 30 years in the design and development of digital television, specializing in digital video processing and synthetic video (graphics) generation. He has been awarded patents for his work in temporal filtering and synthetic video generation. His inventions include the Vidifont, the first commercially available graphics machine for television use, and an adaptive, second-order temporal filter video processor used in performing noninvasive intravenous angiography.

At NBC he is responsible for the investigation of new technology and its application in the development of equipment and systems for use in television production, distribution, and broadcast. As an author, he has presented or published over 60 papers on various subjects, including real-time video processing, graphics, and automation. A Fellow of the SMPTE, he served two terms as Engineering Vice-President, from 1988 to 1992. He is also a Fellow of the IEEE and a member of several national and international standards committees, serving as chairman of CCIR Task Group 11/3 on Digital Terrestrial Television Broadcasting.

In 1991 Baron was the recipient of the David Sarnoff Gold Medal Award for his contributions to the development of digital television technology, recognizing both his technical and his standardization contributions in the areas of digital television imaging graphics, and the automation of tape library record and playback systems.

The NAB will also present engineering achievement awards to Robert Silliman,

in recognition of his 55 years in radio engineering and his contributions to AM and FM antenna designs, and to **Herbert Schubarth**, who is being honored for a career that helped nurture and shape the television broadcast industry for over 43 years.



Edward P. Hobson

SMPTE Conference Vice-President Edward P. Hobson has joined National TeleConsultants as vice-president, where he will be responsible for marketing and strategic planning. Hobson took the posi-

tion following 13 years at Grass Valley Group, where he served as New York district sales manager, U.K. sales manager, and product and marketing manager for digital effects, editing, and recording systems.

The company also announced that **Richard L. Hess** has been promoted to the position of director of engineering with responsibility for engineering systems and personnel, and **Don Phillips** has been named manager of the newly formed Implementation Division, responsible for installation staff and project management.

CMX is offering 34 OMNI-training seminars at nationwide locations. The seminars, which occupy a full day, cover the OMNI product line and include lectures, demonstrations, and hands-on experience with the 1000E, the company's newest editing system. The system features a multiprocessor architecture with expanded ports, ten VTR control, and new, advanced motion knob design. The cost of the seminar is \$100. Seminar locations will include Salt Lake City, Montreal, Toronto, Atlanta, Detroit, Denver, New York, Chicago, Dallas, Houston, and Washington, D.C. A special seminar will be held during the NAB Convention in Las Vegas on April 20, 1993. For more information, contact

Pandora LaFountain, CMX Editing Systems, 2230 Martin Ave, Santa Clara, CA 95050, (408) 988-2000; Fax: (408) 986-0452.

The Grass Valley Group (GVG) and Ultimatte Corp. have signed an agreement that will enable GVG to incorporate image compositing technology developed by Ultimatte into its Model 3000 composite digital production switcher. The technology, which will be fully integrated into the product's chroma-key system, makes it possible to suppress undesirable artifacts in the composited chroma-key image, including removal of the flare illumination caused by the colored chroma-key backing. The result is a dramatic improvement in color fidelity and overall picture quality. Additional benefits include realistic shadow keys and improved results when keying through smoke or glassware.

Imax Corp. has announced Asteroid Adventure, an electrifying, action-packed space adventure that takes audiences on a journey into the inner-space world of an asteroid colony. The simulator ride experience will debut in 1993 at Phantasialand, an amusement park in Bruhl, Germany. The 4-min film will combine a wide array of dazzling visual effects, animation, models, motion control, and computer-graphics imaging.

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