

News

A schedule of events for the first European SMPTE Conference has been established. The program, which will be held Friday, September 18 through Sunday, September 20, at Conference Center East of the Cologne Fairgrounds, will consist of four sessions that will include panel discussions and question-and-answer periods.

The conference will begin on Friday at 2 p.m. with "Perspectives of Development for Film and Television in an Extended Europe." Erasmo Lionetti, RAI Corp., will serve as chairman, and the opening paper will be presented by George Waters, EBU. The session will cover trends in program production of film and television, archival storage of tapes and films, and new methods for film presentation.

On Saturday, the morning session, "Digital Imaging and Data Reduction — Application in Television," will be chaired by Juergen Heitmann, BTS. Topics to be discussed will include new VTR formats using data reduction, transmission and distribution, data reduction for recording of HDTV signals, a broadcaster's view on data reduction, and digital imaging. The afternoon session, "From 16:9 to HDTV

— Production and Presentation," will be chaired by Per Appelquist, SVT. The program will focus on how a 625/50 production studio can be adapted to work in an aspect ratio of 16:9, the marriage of film and HDTV, the uses of Super 16 to produce 16:9 programs for television, progress in motion-picture films and high-performance telecines, and the transfer from electronic programs to film.

Leo Danilenko, WDR, will serve as chairman of the final session, "Digital Audio — New Developments for Sound in Film and Television," to be held Sunday morning. The topics to be examined will be digital multichannel sound synchronous to the HDTV picture, five-channel (3/2) stereophony, experiences with terrestrially distributed digital stereophony in Sweden, the digital Dolby sound system for cinemas, and flexible use of bit rates in the CDI for reflexible application to audio.

Social events at the conference will include a reception and banquet on Friday, September 18, and a get-together party on September 19. In addition, all registrants will receive a seven-day ticket for the Pho-

tokina Fair, which will be held at the Cologne Fairgrounds from September 16 to 22.

Advance registration for the conference is DM 180. for SMPTE members (members of BKSTS, FKSTG, SPSE, SBE, AES, RTS, and ITVA may register at the member rate); DM 210. for nonmembers; free to Life Members, Life Fellows, and Student Members; DM 70. for student nonmembers; and DM 90. for the Partners Program. On-site registration is DM 210. for members, DM 240. for nonmembers, DM 100. for student nonmembers, and DM 120. for the Partners Program. To register in advance, contact SMPTE Deutschland, c/o Rolf von Kaldenberg, Kuhlendahler Str. 18, 5620 Velbert 15, Germany.

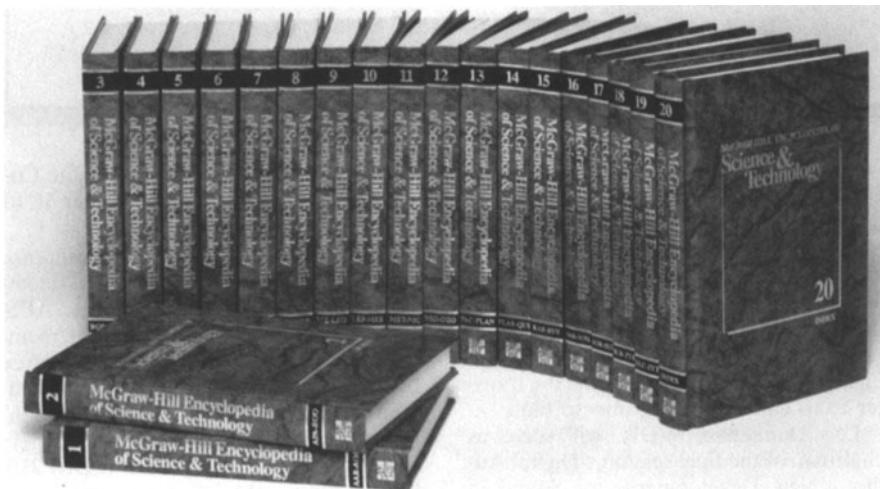
Quentin R. Nelson was named western regional sales manager for For.A Corp. of America. He will provide sales and technical support for the company's factory representatives, dealers, and end-users in the western states. Nelson was previously the eastern regional manager at Magni Corp.

Books, Booklets, Brochures

Today's Video Equipment, Setup, and Production, Second Edition, by Peter Utz, is designed to teach readers how to master the equipment used in the video trade and to update them on the type of video that is predominant today. Topics covered in the publication include how TV works, TV monitors and receivers, cable TV, videotape recorders, TV cameras, editing a videotape, TV lenses, camera techniques, picture composition, lighting, audio, special effects, television graphics, and monitoring and equipment distribution. The book also discusses the setup and use of home video gear and integrates home video into the discussion of all video equipment and techniques. Studio and portable TV are covered as well as equipment ailments, cures, trade tips, and shortcuts. Easy reference tables and charts are included. The 617-page hardcover book — which serves as an introduction to television, an intermediate TV production textbook, and a video reference handbook — can be ordered from Prentice-Hall, Inc., Engelwood Cliffs, NJ 07632, for \$49 plus shipping and handling.

Electronic Measurements and Testing: Tips and Techniques for Technicians and Engineers offers sound guidance on performing a central engineering task — measuring the parameters and performances of electronic components and systems. The 310-page desktop reference examines the various types of analog and digital test instruments, including their development to present-day standards and configuration for a variety of users. The author, Eugene R. Bartlett, takes readers step-by-step through test procedures, system tests, and performance verification for audio frequency systems; microwave, satellite, and radar systems; radio frequency systems; television test systems; fiber-optic communications systems; and digital systems, computers, and microprocessors. The book clearly outlines all of the test procedures, which are fully diagrammed and enhanced by tips and techniques that can improve the speed and reliability of operations. The book is available in hardcover for \$39.95 and paperback for \$27.95 from McGraw-Hill Publishing Co., 11 W. 19th St., New York, NY 10011.

Multimedia Applications Development: Using DVI Technology, is a step-by-step guide on how to use digital video interactive (DVI) to create state-of-the-art interactive multimedia presentations. The 264-page book provides full coverage of everything from initial planning stages through the design of the production to the intricacies of the different media areas. It gives detailed explanations of such aspects as capturing still images, creating electronic graphics and animation, and recording and digitizing a sound track. Illustrations, graphics, and charts are used throughout the book to amplify and clarify the key concepts and the capabilities of DVI technology. The book, which investigates a wide range of important topics, examines the steps of production, offers guidelines on budgeting and management, provides tips and recommendations on programming techniques, and discusses software programming for DVI technology applications. The book can be ordered from McGraw-Hill Publishing Co., 11 W. 19th St., New York, NY 10011, for \$39.95.



The McGraw-Hill Encyclopedia of Science and Technology

The McGraw-Hill Encyclopedia of Science and Technology has been substantially revised and updated in a new seventh edition, reflecting the many scientific and technical developments and achievements of recent years. Under the direction of editor-in-chief Sybil P. Parker, 3000 distinguished experts, including 21 Nobel Prize winners, participated in the publication of this comprehensive reference material. The 20-volume set covers 81 major subject areas, including acoustics, buffers, compact discs, distributed systems, fiber-optic imaging, and information systems engineering.

The books not only report the latest research in each field, but also examine the

theories and perspectives that have emerged since the publication of the previous edition five years ago; material on entire disciplines — electronics, computers, and telecommunications — has been revamped to reflect recent trends and advancements. With 15 pages of striking full-color photographs and thousands of additional illustrations, the encyclopedia includes more than 13,000 drawings, maps, charts, and diagrams.

The encyclopedia, which has a total of 13,450 pages, is available for \$1900. To order, contact McGraw-Hill, Inc., Professional Book Group, 11 W. 19th St., New York, NY 10011, or call 1-800-2-McGRAW.

The Art of Recording: The Creative Resources of Music Production and Audio provides systematic easy-to-learn methods for identifying, evaluating, and shaping the artistic elements in music and audio recording. The techniques offered in the 260-page book will help readers tighten their control over the artistic quality of sound recordings. The author, William Moylan, evaluates landmark recordings, vividly demonstrating how to make meaningful sound judgments during the recording process. He gives an inside look at the works of The Beatles, Tracy Chapman, Kate Bush, Phil Collins, Peter Gabriel, and others, offering insights to expand recording versatility. Topics covered in the publication include an evaluation of the spatial elements of reproduced sound; capturing, shaping, and creating the performance; the aesthetics of recording production; and the process of evaluating sound. The book can be ordered from Van Nostrand Reinhold, 7625 Empire Dr., Florence, KY 41042, at a cost of \$39.95.

Using Time Code in the Reel World II, by Jim Tanenbaum with Manfred Klein, is a guide to the basic principles of time code.

The 110-page booklet covers such topics as time code structure, specifications of time code for audio and videotape recorders, film-to-tape transfer, equipment, and correcting and resolving problems. The publication can be ordered from Sound Recording Services, 8827 Lookout Mountain Ave., Los Angeles, CA 90046-1860, at a cost of \$19.95 plus shipping and handling.


The 1992 Television Products Catalog is available from Tektronix Television Systems, Howard Vollum Industrial Park, P.O. Box 500, Beaverton, OR 97077-0001. The catalog features over 200 pages of descriptions, specifications, and photos of the company's entire line of television products, including waveform monitors, vectorscopes, generators, automated measurement sets, audio test equipment, VITS inserters, and synchronizers. The products are designed for studio and outside broadcast systems, service, transmission, R&D, manufacturing, and many other applications. Also listed are portable oscilloscopes, RF equipment, and audio test gear especially suited to broadcast cable, private TV/video, and manufacturing

environments. Accessories for the entire product line are also included. New products are highlighted in an alphanumeric index and listed in a special section at the front of the publication for easy identification. The back sections include warranty information; listings of professional dealers, training videotapes, and literature; and a glossary of television terms. This year there is a new section with instructions for uploading to the CompuServe Information Service, where customers can electronically access product news, technical advice, and other information.

A 32-page catalog describing a wide selection of analog and digital panel meters, meter relays, and controllers is available from Simpson Electric Co., 853 Dundee Ave., Elgin, IL 60120-3090. The publication, which is free of charge, includes a section on the recently introduced Hawk Series digital on/off controllers/indicators for start, stop, or limit control of a wide range of process variables. Digital panel meters described include both AC and DC measuring instruments. Analog AC and DC panel meters include Wide-Vue, Century, designer, segmented scale, and round and rectangular models. Analog pyrometers, "rugged seal" controllers, edgewise instruments, and accessories are also featured. The fully illustrated catalog provides users with ranges and specification charts, as well as dimensional drawings and photos of each unit.

Imager[®] large-screen video projectors for video, video/data, and video/data/graphics display are detailed in an eight-page color brochure. The booklet describes the wide variety of uses for the products — which include sales meetings, computer training, computer graphics, data display, and teleconferencing — and provides specifications for all models, from brightness level to resolution, throw distances, and scan frequency. Also included is information about standard features of the projectors and their versatility, which allows for either front or rear-screen projection, ceiling-mounted or freestanding use, and their ability to be used with virtually any input source. A free copy of the publication can be ordered from Full Line Imager Brochure, GE Projection Display Products Operation, Electronics Park 6-338, Syracuse, NY 13221.

This publication is available in microform from University Microfilms International.



Call toll-free 800-521-3044. In Michigan, Alaska and Hawaii call collect 313-761-4700. Or mail inquiry to: University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

134th SMPTE Technical Conference and Equipment Exhibit

(Including Media Integration)

November 10-13, 1992 — Metro Convention Centre
Toronto, Canada

LOOK BEYOND BROADCASTING DISCOVER SMPTE'92

**TUTORIAL SEMINARS • HANDS-ON-WORKSHOPS
TECHNICAL SESSIONS • EQUIPMENT EXHIBIT**

All-Day Tutorial Seminars On Monday November 9th

"THE POST EXPERIENCE" Post-Production
Techniques and "MULTIMEDIA WORLD"
The integration of video and computer technologies.

Four Days of Technical Sessions November 10-13th

"IMAGES IN MOTION — THE SECOND
CENTURY" Examine the advances and develop-
ments in motion picture and television methodology.

Hands-On-Workshops November 10-13th

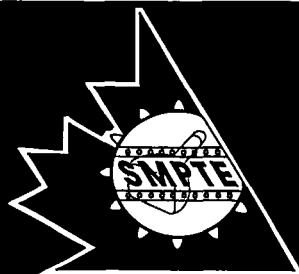
"MULTIMEDIA PRODUCTION"
"TELETRAINING AND LEARNING"
"MULTIMEDIA COMMUNICATIONS"
"INFORMATION ACCESS AND RETRIEVAL"

EQUIPMENT EXHIBIT November 10-13th

Discover advanced motion imaging equipment,
prototypes, new product introductions and meet
the industry's leading manufacturers and innovators.

EXPERIENCE THE SMPTE DIFFERENCE!

If you want to look beyond broadcasting and see the linking of motion imaging and computer science, be sure to attend the 1992 SMPTE Conference and Equipment Exhibit. November 9-13 is the time, Toronto, Canada is the place.



For Advance Registration or Exhibit Information:

CALL-FAX-OR-WRITE

Society of Motion Picture and Television Engineers
595 West Hartsdale Ave., White Plains, New York 10607-1824
Call (914) 761-1100 Fax (914) 761-3115