

Forthcoming Professional Meetings

The 8th International Broadcasting Convention, IBC 80 will be held 20-23 September 1980. The closing date of 23 September is one day earlier than previously announced, but there will be a press preview on 19 September. The venue for IBC 80 will be the Metropole Conference and Exhibition Centre, Brighton, U.K. Brighton is now recognized as one of Europe's leading conference and leisure centers and has excellent road, rail, sea, and air communications.

The IBC 80 technical program will cover new techniques, systems, and developments in sound and television broadcasting and allied fields. Papers have been invited on microprocessors and minicomputers in broadcasting; studio lighting; studio design and OB facilities; transmitters, transposers, and antennas; sound systems; lightweight program equipment; television cameras, electronic graphics, visual effects, and other studio equipment; signal recording and storage; propagation and service planning, including satellite broadcasting; cable and optical fiber distribution systems; future possibilities in receiver design and domestic recording; audio and video measurement technology; and new broadcasting services and systems.

IBC is sponsored by the Electronic Engineering Association, the Institution of Electrical Engineers, the Institution of Electrical and Electronic Engineers, the Royal Television Society, and the Society of Motion Picture and Television Engineers.

Calendar

3-6 February 1980

Helson Memorial Symposium on Chromatic Adaptation, Williamsburg, Va. Info from Dr. Fred W. Billmeyer, Jr., Rensselaer Polytechnic Institute, Troy, NY 12181. (See *Journal*, p. 788, Nov. 1979.)

15-17 February 1980

Ann Arbor 8mm Film Festival, Ann Arbor, Mich. Info from Ann Arbor 8mm Film Festival, P.O. Box 7592, Ann Arbor, MI 48107.

19-21 February 1980

Video Expo, San Francisco. Info from Sheila Frank, Knowledge Industry Publications, 2 Corporate Park Dr., White Plains, NY 10604.

1-2 February 1980

SMPTE Television Conference, Sheraton Center, Toronto, Canada. Info from SMPTE Headquarters.

2-7 March 1980

NAVA Audio-Visual Institute for Effective Communications, Indiana University, Bloomington, Ind. Info from NAVA Institute, Indiana University, Audio-Visual Center, Bloomington, IN 47401.

3-5 March 1980

Preservation and Restoration of Photographic Images, Rochester, N.Y. Info from Andrew V. Johnson, College of Graphic Arts & Photography, Rochester Institute of Technology, One Lomb Memorial Dr., Rochester, NY 14623.

9-14 March 1980

24th Audio-Visual Institute for Effective Communications, Indiana University, Bloomington, Ind. Info from NAVA Institute, Indiana University, Audio-Visual Center, Bloomington, IN 47401.

19-21 March 1980

The 13th Annual Simulation Symposium, Holiday Inn Resort, Tampa, Fl. Info from Sudesh Kumar, Executive Vice President, 1511 Tucker Lane, Encinitas, CA 92024.

24-28 March 1980

Eurocon 80, Stuttgart, W. Germany. Info from Eurocon Chairman, Prof. Dr. W. E.

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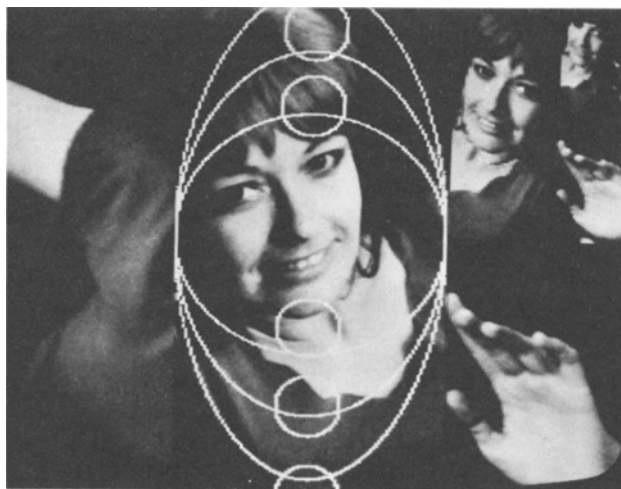
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Where *Digital Video* laid down the basics of digital video (that book's purpose was mostly tutorial with emphasis on what digital television is and how it works), this new book picks up where the first one left off and provides an in-depth review of the latest information in this exciting field.

New Developments

Many significant advancements have been made in digital video technology in the past two years. For example, experimental digital video recorders have been demonstrated, new graphics possibilities have been opened up using digital equipment, the Teletext system for broadcasting is now in operation in Europe, and digitally modulated optical laser systems are now being used experimentally instead of conventional microwave ENG systems. The era of digital video is almost upon us. And this book tells you where the state of the art is to-

day, and what to expect in the future. It is brimming with information of urgency to the broadcaster of today . . . and tomorrow.

The table of contents shows what this new book contains. There are chapters touching virtually every corner of digital technology, with special attention to digital effects, computer animation and digital video recording.

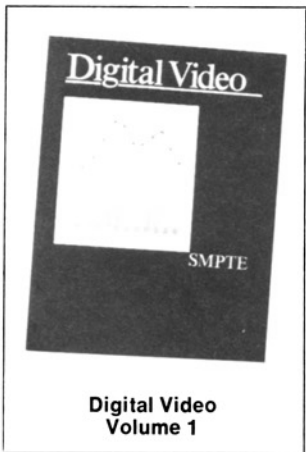
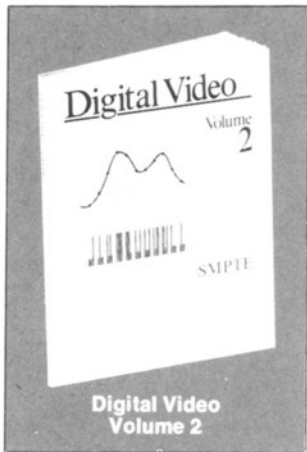
The material for this new book comes from the digital video papers that were presented at SMPTE's 120th Conference in New York, November 1, 1978, and most papers on digital television that were presented at the SMPTE's 13th Annual Television Conference in San Francisco, February 3, 1979.

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Contents, *Digital Video—Volume 2*

- The ANTIPOE Broadcast Teletext System, Yves Guinet, CCETT (TV & Telecommunications Research Center), Rennes, France
- Optical Television Link Employing a Digitally Modulated Laser, A. A. Goldberg, S. Juchnowycz and J. Rossi, CBS Technology Center, Stamford, Conn.
- A Monolithic Video A/D Converter, Willard K. Bucklen, TRW LSI Products, Redondo Beach, Calif.
- Digital Processing in the DPS-1, John Lowry and Richard Kupnicki, Digital Video Systems, Toronto, Ont., Canada
- Panel Discussion Transcription: The Near-Term Future for Digital Television, The panel is comprised of authors of participating papers and representatives of the SMPTE Study Group on Digital Television and of the Working Group on Digital Video.
- The Expanding World of Digital Video Effects, Richard Taylor, Quantel, Ltd., Newbury, Berkshire, England
- The Use of the Computer in Animation Production, Edwin Catmull and Alexander Schure, New York Institute of Technology, Old Westbury, N.Y.
- Some Experiments in Television Graphics and Animation Using a Digital Image Memory, Richard G. Shoup, Xerox Palo Alto Research Center, Palo Alto, Calif.
- Color Graphics and Animation by Mini-Computer, Noboru Asamizuya and Tatuo Futai, Sony Corp., Tokyo, Japan
- The Mosaic Keyer, Shigeru Jumonji, NHK (Japan Broadcasting Corp.), Tokyo, Japan
- Low Bit-Rate System for Digital Coding of the Television Signal, P. Rainger and P. A. Ratliff, British Broadcasting Corp., London, England
- Separate Components Digital Video Recording Is Needed and Possible, Dominique Nasse, CCETT, Rennes, France
- Digital Video Recording — A Progress Report, Maurice Lemoine and Joachim Diermann, Ampex Corp., Redwood City, Calif.
- Digital Video Recording — What Will It Do for the Broadcaster?, Edward Herlihy, Golden West Broadcasters (KTLA), Los Angeles, Calif.
- Panel Discussion Transcription: Digital Video Recording, Moderator: Donald V. West, Broadcasting magazine; Peter Rainger, British Broadcasting Corp.; Charles Ginsburg, Chairman of SMPTE Working Group on Digital TV; Dominique Nasse, CCETT; Joachim Diermann, Ampex Corp.; Edward Herlihy, Golden West Broadcasters; K. Blair Benson, Video Corp. of America; Arch Luther, RCA Corp.; Marcel Auclair, Canadian Broadcasting Corp.



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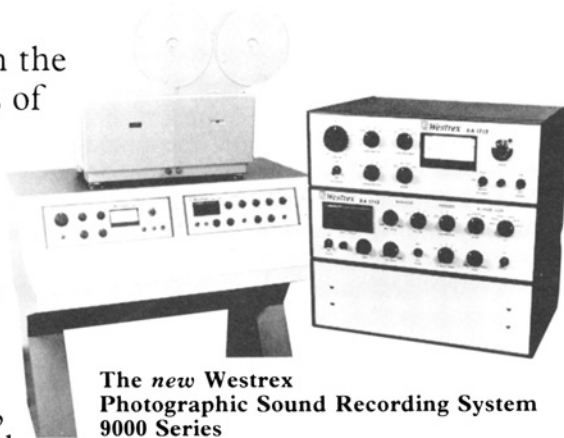
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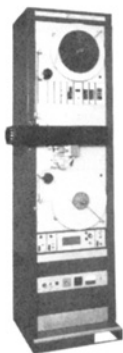
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Proebster, IBM Deutschland GmbH, Postfach 80 08 80, D-7000, Stuttgart 80, W. Germany. (See *Journal*, p. 520, July 1979.)

21-25 April 1980

Acoustical Society of America, meeting, Atlanta, Ga. Info from Acoustical Society of America, 335 E. 45 St., New York, NY 10017.

28 April-2 May 1980

Information Display International Symposium, Town-Country Hotel, San Diego, Calif. Info from the Society for Information Display, 654 Sepulveda Blvd., Los Angeles, CA 90049.

30 April-2 May 1980

Modeling and Simulation Conference, Pittsburgh, Pa. Info from William G. Vogt or Marlin H. Mickle, Modeling and Simulation Conference, 348 Benedum Engineering Hall, University of Pittsburgh, Pittsburgh, PA 15261.

May 1980

WAVDA/NAVA Western Conference, Hawaii. Info from WAVDA/NAVA Conference, 3150 Spring St., Fairfax, VA 22031.

4-9 May 1980

SPSE 33rd Annual Conference, Minneapolis, Minn. Info from P. J. Forness, SPSE, Central P.O. Box 28327, Washington, DC 20005.

11-14 May 1980

American National Metric Council's Sixth Annual Conference, San Francisco. Info from David Gorin, American National Metric Council, 1625 Massachusetts Ave., N.W., Washington, DC 20036.

17-19 June 1980

Eurocomm 80, Bella Center, Copenhagen, Denmark. Info from Bella Center A/S, Center Boulevard, DK-2300 Copenhagen S, Denmark. (See *Journal*, p. 566, Aug. 1979.)

12-18 September 1980

Photokina, Cologne, W. Germany. Info from Messe- und Ausstellungs GmbH, Köln Postfach 21 07 60, D-5000, Cologne 21, W. Germany. (See *Journal*, p. 520, July 1979.)

20-23 September 1980

International Broadcasting Convention, Metropole Conference and Exhibition Centre, Brighton, England. Info from IBC Secretariat, IEE, Savoy Place, London WC2P OBL, England. (See *Journal*, p. 566, Aug. 1979; and above.)

29 September - 2 October 1980

VIDCOM (International Market for Videocommunications), Palais des Festivals, Cannes, France. Info from John E. Nathan or Lora Ballato, 30 Rockefeller Plaza, Suite 4535, New York, NY 10020. (See *Journal*, p. 520, July 1979.)

6-10 October 1980

FKTG Meeting, Berlin, W. Germany. Info from Georg Drechsler, Fernseh und Kinotechnische Gesellschaft eV, ZDF, Postfach 4040, 6500, Mainz, W. Germany.