



TV Conference Proceedings Available from Headquarters

Selected papers presented in San Francisco available in paperback book

New Foundations for Video Technology: Proceedings of the 1995 SMPTE Advanced Television and Electronic Imaging Conference has been published by the Society and is now available from Headquarters. The 260-page, softcover book is \$20.00 for members and \$25.00 for nonmembers.

The book begins with a Foreword written by Editorial Vice-President Peter A. Dare, Sony Corp., and a Preface written by Papers Program Co-Chairs Peter D. Symes, Grass Valley Group, and Charles A. Poynton, Sun Microsystems. The *Proceedings* then offers the following papers presented at last month's TV conference, held in San Francisco, Calif.:

- *Video: For Here or To Go? Using Compression and Packetization in Television Production Facilities* by David J. Bancroft
- *A Proposal for Compatibly Improving the Scrambling of SMPTE 259* by David L. Hershberger
- *The Art of Video Encoding — Optimizing MPEG Video Compression Through Human Assist Methods* by Mauro Bonomi
- *Switching Facilities in MPEG-2: Necessary But Not Sufficient* by S. Merrill Weiss
- *Video Compression: The Need for Testing* by Guy Beakley
- *An Innovative Approach to MPEG Mastering* by Andrew D. Rosen
- *The SMPTE D-6 Digital Recording Format* by Jürgen R. Heitmann
- *1280 x 720 Progressive — A Reevaluation* by William C. Miller
- *Lillehammer '94 in High Definition* by Michel Oudin and Jean-Pierre Lartigue
- *Wide-Color Gamut System* by Ryoichi Yajima, Shinichi Sakaida, Junji Kumada, and Masaru Kanazawa
- *Report on the Technical Tests of the Cinema of the Future* by Richard A. Mizer
- *Digital to Analog Conversion — Data and Filter Requirements* by Dan Baker and David Fibush
- *A Proposal for Open Architecture Digital Communication Systems Based on Standard Media Publishing Apertures* by Craig J. Birkmaier
- *A Digital Editing Suite in an Analog Environment* by Reinhard E. Wagner
- *Mastery Learning as a Foundation for Technical Training* by Dana Martin-Newman and Charles Hintz
- *A Guided Tour of Colour Space* by Charles A. Poynton
- *Are RAIDs Redundant?* by Paul Turner
- *Noncompressed NTSC Digital Video Disk Recorder* by T. Matsui, T. Sekiguchi, and T. Katagiri
- *MPEG Compression of High Frame Rate Progressively Scanned Images* by Gary Demos
- *Simple Scalable Video Compression Using 3-D Subband Coding* by William F. Glenn, John Marcinka, and Robert Dhein
- *ISDB and Its Transmission System* by Takeshi Kimura, Naoki Kawai, and Kouji Ohsaki
- *Digital Acquisition Without Compromise — The Missing Link* by Alex Cawley and Peter Owen
- *New Foundations for Video Technology: Which Ones Do We Build On and Why?* by C. Robert Paulson
- *The Transport Layer of the Grand Alliance ATV System* by Terrence R. Smith and Joel W. Zdepski

These papers have been reproduced photographically from original copy submitted by the authors and were not edited.

If you are interested in purchasing a copy of the *Proceedings*, contact SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607, (914) 761-1100, fax: (914) 761-3115. — Aileen Moroney