

cordings, where groups of scanning lines are recorded by different pole tips, an effect caused by misadjustments that resembles venetian blinds.

**Video Dub.** 1. To dub by recording the video signal from a tape being replayed. 2. A copy made by this method.

**Video Record.** The magnetic facsimile of the picture that is placed within a track area.

**Videotape.** Magnetic recording tape intended for recording and playback of video signals.

**Videotape Player.** A machine used to play back a magnetic video recording tape, but which is not used to record video or audio. See Play-Only Machine.

**Videotape Recorder.** A machine used to record and play back a magnetic video recording tape. See Television Tape Recorder.

**Video Track.** A track containing the video record.

**Video-Track Curvature.** The departure from a straight line of the video record.

**Video-Track Pitch.** The distance, measured along the direction of tape travel, between two adjacent video tracks, also called video-track spacing.

**VTR.** Acronym for videotape recorder.

**Weber.** MKS unit of magnetic flux, which is the magnetic field strength that generates an electromotive force of 1 V in a single moving turn of a conductor.

**Wow.** A slow variation of tape speed in recording or playback, resulting in pitch error. Use of this term is usually confined to audio recording.

**Wrap.** The geometric path of the tape in the vicinity of the head scanner in a videotape recorder. Three common types of wraps, denoted by their similarity to certain letters, are the Alpha, Omega, and M wraps.

**Wrap Angle.** The angle measured at the center of rotation of a scanner or the center of a tape guide that is subtended by the tangent points of the tape to the scanner or guide.

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## The 23rd SMPTE Television Conference

San Francisco, Calif., February 3-4, 1989

Television Conference Program Chairman Peter Hammar, Hammar Communications, reports an excellent response to the call for papers for the 23rd SMPTE Television Conference. "There is something for everyone," he said. "Both the here-and-now of NTSC, PAL, and SECAM, as well as future applications for HDTV, are represented." The selection committee has some tough decisions ahead of it because of the limited amount of slots available.

Because HDTV is still several years from becoming a reality, Hammar pointed out that the conference will be of equal value to those engineers who are seeking ways to improve their uses of current standards and those people anxiously awaiting news of HDTV developments.

The 23rd Television Conference will be held February 3 and February 4, 1989, in San Francisco at the St. Francis Hotel. Arrangements Chairman John Carlson, Monaco Labs, has obtained hotel rates from the Westin/St. Francis. In the main building singles cost \$120; doubles cost \$135; and suites cost \$260-\$1155. Tower rates are \$141 for a single, \$156 for a double, and \$400-\$1450 for a suite. Watch your mail for registration information.

Peter Hammar is being assisted in the selection process by Program Session Chairmen David Bancroft, Ampex Corp.; Sterling Davis, KTVU-

TV; Peter Ludé, Ludé Broadcasting; and Roy Trumbull, KRON-TV.

Handling the behind-the-scenes conference arrangements with John Carlson are AV Projection and Display Chairman Vern Kipping, consultant; AV Projection Co-Chairman Aubrey Harris, Stanford University; P/A Recording Chairman Les Lieurance, Gordon Newsfilms; Wine and Cheese Party Chairmen Donald Lincoln, Sutro Tower, Inc.; Joe Semmel-mayer, consultant; Registration Chairwoman Linda Kulmaczewski, Sony Technology Center; Registration Co-Chairwoman Donna Foster Roizen, Telegen; Membership Chairman Paul Wrangell, University of

California; Membership Co-Chairman Jim Moye, Monaco Labs; Spouses Program Chairwoman Susan Carlson; Spouses Program Co-Chairwoman Marcia DeHart; Sunday Tour Chairman Lincoln Endelman, retired, Perkin Elmer Systems Operations Div.; Sunday Tour Co-Chairman Glen Pensinger, San Jose State University; and Opening Tapes Chairman Gary Youngs, Television Associates.

For more information on the 23rd Television Conference, contact SMPTE Headquarters, 595 W. Hartsdale Ave., White Plains, NY 10607; telephone (914) 761-1100.



San Francisco's Golden Gate Bridge, seen in a rare view from Twin Peaks, with the hills of Marin County in the background.