

# News

## Sustaining Members Receive Engineering Emmys

Eight of the nine companies recently honored with Emmys for engineering work are SMPTE Sustaining Members. The California-based Academy of Television Arts and Sciences (ATAS) presented Emmys for Outstanding Achievement in Engineering Development to Sony Corp. of America and Optical Disc Corp. The New York-based National Academy of Television Arts and Sciences (NATAS) presented its Emmys for Outstanding Achievement in the Science of Television Engineering to Barco-Industries N.V.; BTS Broadcast Television Systems, Inc.; Eastman Kodak Co.; Quantel; Schwem Technology; and Tektronix, Inc.

The ATAS Emmy is given to an individual or company for engineering developments that are either extensive improvements or so innovative that they materially affect the transmission, recording, or reception of television, according to the Academy.

This award, presented on August 27, 1988, in Pasadena, Calif., was given to Sony Corp. in recognition of the company's efforts in the development of the component digital format (D-1) video recording system. Sony's DVR/DVPC-1000 D-1 video recorder was the first commercially available DVTR. A second Emmy was awarded to Sony engineers for the skill required to develop the format. Opti-

cal Disc Corp. was honored for its recordable laser videodisc system. The discs are used in editing systems which exploit fast search capability of accessing any frame of material in seconds.

The NATAS Emmy was presented on October 11, 1988, in New York. Quantel was honored, with AVS, Inc., for their engineering contributions to the advancement of standards conversion technology. Quantel was awarded an additional Emmy for its engineering contributions to real-time three-dimensional digital video effects leading to the development of Mirage. Eastman Kodak Co. received the Emmy for developing the new Eastman high-speed, color daylight negative films, 5297 and 7297.

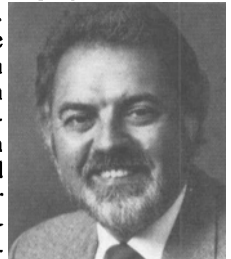
BTS Broadcast Television Systems, Inc., was honored for its technical achievement in three-dimensional computer graphics technology. Barco-Industries N.V. received the award for developing the first all-digital controlled intelligence professional broadcast monitor. Tektronix, Inc., was recognized for developing systems using digital intelligence to measure, monitor, and record distortions in a television signal. Schwem Technology was presented with the Emmy for lens stabilization technology for live cameras.

Arriflex Corp., Blauvelt, N.Y., has formed a partnership with Ohio-based Reality Imaging, Inc. The purpose of this joint venture is to develop computer-based three-dimensional imaging techniques for the medical diagnostic industry. Reality has a prototype of a 3-D image processor, the Voxel Flinger™, which permits physicians to construct an accurate three-dimensional image of the body from data acquired from CAT scans, nuclear medicine, and magnetic resonance studies. The Flinger enables full three-dimensional rotation of the image, plus zoom, gray-scale addition or subtraction, sectioning to expose interiors, and surface shading for depth cues. Arriflex anticipates many opportunities to apply this technology to computer graphics, special effects, and computer animation.

**Cinema Products will hold a workshop** on its Emmy Award-winning Steadicam System. The course is scheduled for December 4-10, 1988, and will be held in the greater Los Angeles area. Steadicam operator Ted Churchill is the chief instructor. The fee is \$950 per person with enrollment limited to 25 people. For more information, contact Chuck Jackson at Cinema Products, 3211 S. La Cienega Blvd., Los Angeles, CA 90016.

**A course in Magnetic Recording Engineering** will be held March 6-10, 1989, at the Pepper Tree Inn in Santa Barbara, Calif. Finn Jorgensen, who has more than 30 years of experience in the field, will lead the course. The cost, including all materials, is \$785 per person. For more information contact: Danvik, 1201 Bel Air Dr., Santa Barbara, CA 93105.

**David Gibbs** has been elected president of the British Kinematograph, Sound and Television Society. Gibbs entered the film industry in 1961, starting in the research laboratory at Eastman Kodak Co. and moving to their marketing, education, and motion-picture divisions. He left Kodak in 1975 to work for Filmatic Laboratories Ltd. Gibbs joined the BKSTS in 1973, and served on many of their committees. He was appointed a BKSTS vice-president in 1982 and was awarded an honorary fellowship in 1985. Gibbs is also a member of the SMPTE and the Royal Television Society. He was chairman of the BISFA executive council in 1973.



*Optical Disc Corp. engineers (L-R) John Winslow, Richard Wilkinson, and Don Hayes with their Emmys.*