
NEWS

Realities and Possibilities was the subject of a talk given by John Spence, Midwestern Region Sales Manager for the MP&AVM division of Eastman Kodak, who was guest speaker at the annual conference of the Information Film Producers of America (IFPA). "The key to a successful future," he said, "is maintaining a strong sense of balance between the realities of today and the promise of tomorrow." He pointed out that there have been "incredible" breakthroughs in film technology just during the past several years. He cited the introduction of a highly light-sensitive color negative film with exceptional dye-keeping characteristics. "The high speed film, Eastman color high speed negative film 5293/7923, has already made a tremendous impact upon content and production values as well as the economics of production," he said.

Spence noted that the technology for transferring film to videotape for post-production and/or distribution has continued to advance. He pointed out that

Kodak has already made significant contributions to the field of electronic imaging, including the Spin Physics SP2000 motion analysis system. This video system is capable of recording up to 2000 full frames/sec or as many as 12,000 split frames onto 1/2-in. black-and-white videotape. The SP2000 has an instant playback capability, including slow motion and freeze frame. He stressed that Kodak's research and development programs are focusing on both film and electronic technologies.

"The fact is that today's filmmaking technology already exceeds the resolution capabilities of the best of the proposed HDTV systems," Spence said, adding, "This means that films produced today will be compatible with the best video projection systems of the future."

A high-power semiconductor laser with possible applications in optical data recording, high speed printing, and fiber optics communications has been developed at RCA Laboratories, Princeton, N.J. The device, called a CDH-LOC diode laser, is smaller than a grain of salt. The new laser is expected to replace older gas types as a light source in optical recording equipment used for mass storage of data. The new

laser, invented by Dr. Dan Botez, Research Leader in the Optoelectronics Group at RCA Laboratories, is fabricated by a single-step deposition of layers of the semiconductor materials, gallium arsenide and aluminum gallium arsenide, over grooved gallium arsenide substrates. Thousands of lasers can be obtained from a single wafer.

The device is a constricted double heterojunction large optical cavity (CDH-LOC) gallium aluminum arsenide (GaAlAs) injection laser. The CDH-LOC structure provides a stable light source with highly linear power output versus drive current for operating currents above the laser threshold. Emission in both the single lateral mode and the single transverse mode is obtained up to 40 mW in cw operation and 100 mW in 50 percent duty cycle conditions. Both represent the highest powers in a single spatial mode ever achieved under such drive conditions.

The Scientific and Technical Group of the **Royal Photographic Society** will hold a symposium on Unconventional Photographic Processes. The symposium will be held March 24-25, 1983 at the Royal Society of Arts in London. The term "unconventional" is intended to include un-

William A. Koch Elected Eastman Kodak Vice-President

William A. Koch, who became General Manager of the Motion Picture and Audiovisual Markets Division of Eastman Kodak following the retirement of Kenneth Mason on October 1, was elected an Eastman Kodak Vice-President on November 12. Before his appointment as General Manager, he was Sales Manager for the MP&AVMD. He was graduated from Gettysburg College, Gettysburg, Pa., and in 1952 began his career with Eastman Kodak, starting as a chemist. He was advanced through various managerial assignments to his present post.

Other Recent Eastman Kodak Appointments

Leonard F. Coleman has been appointed Director, Market Development, Motion Pictures and Television, with headquarters in Rochester. Prior to his present appointment he was Regional Sales Manager, headquartered in New York City. His career with Eastman Kodak began in 1948. He is a native of Rochester, and was graduated from the University of Rochester with a B.S. degree in mathematics. Coleman, who was elected President of the SMPTE to serve the 1983-1984 term, joined the Society in 1960

and was made a Fellow in 1969.

Anthony D. Bruno has been appointed Regional Sales Manager, Pacific Southern Region, with headquarters in Whittier, Calif. Bruno joined Kodak in 1947 and has held various managerial posts. He is a Fellow of the SMPTE and of the SPSE.

John McDonough succeeds Coleman as Regional Sales Manager, New York City Region. He joined Kodak in 1954, and his most recent position was that of Regional Sales Manager, Southwestern Region. He holds a B.S. degree in chemistry from Villanova University and an M.S. degree in analytical chemistry from Purdue University. He is a Fellow of the SMPTE.

Alan L. Williams has been appointed Kodak Regional Director, Pacific Southern Region, with headquarters at Whittier, Calif. He holds a B.S. degree in physics and mathematics from Washington and Jefferson College. He is a Fellow of the SMPTE and a member of the Academy of Motion Picture Arts and Sciences, the American Society of Cinematographers, the Hollywood Radio and Television Society, and the Society of Photographic Scientists and Engineers.

Joerg D. Agin has been appointed Sales Manager with headquarters in Rochester. He has been a member of the SMPTE since 1969.



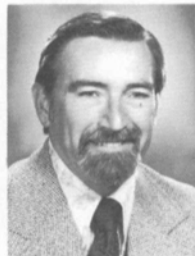
William A. Koch



Leonard F. Coleman



Anthony D. Bruno



John McDonough



Alan L. Williams



Joerg D. Agin

usual silver processes as well as non-silver processes and the term "photographic" is intended to include video, electron-imagery, electrostatic, and holographic techniques, as well as optical methods. Further information is available from Dr. R. C. Jacobson, the Polytechnic of Central London, School of Communication, 18/22 Riding House St., London W1P 7PD, England.

The VS-Videographie Système in France is a new corporation formed to cultivate the rapidly expanding teletext and videotext industries in the United States, it was announced by **Bernard E. Joseph**, Chairman of the Board and Chief Executive officer. The United States subsidiary, Videographic Systems of America, will also be headed by Mr. Joseph. The French corporation will be owned 51% by Thomson CSF; 26% by Cap Gemini Sogeti and Steria; 16% by CFCT and Sofratev, 5% by the newspaper *Les Echos*, and 1% each by CCS and Unitel. The United States subsidiary will work to merge and expand the technical and commercial activities of Alphatel, Antiope & Telematics, Intelmatique, and Videodial.

Richard K. Olsen has been appointed Field Applications Engineering Manager for TRW LSI Products with headquarters in La Jolla, Calif. His responsibilities will include managing the firm's team of Field Applications Engineers in such diverse territories as Boston, Dallas, Orlando, Fla., Baltimore, and Mountain View, Calif. He will also provide training and factory support for the firm's field applications engineers stationed in Europe.

William Powers has been named Southeast Regional Manager for Sony Broadcast Products Co., according to an announcement by Charles Felder, Vice-President of Sales. He will be responsible for coordinating sales activity and support in a seven-state region and Puerto Rico, with headquarters in Atlanta. He was formerly Director of Engineering at Cox Broadcasting's WSB-TV in Atlanta.

Craig Taylor has been appointed a sales engineer for Sony Broadcast Products Co. He was formerly a sales engineer for Ashton Communications in Vestal, N.Y. Earlier, he had been a technical director in the Production and Engineering Dept. of the University of Rochester's Medical School. In his new post he will handle the New York State accounts for Sony Broadcast Products.

Videomedia has expanded into a larger facility at 211 Weddell Drive, Sunnyvale, CA 94086. It is a 14,000-sq. ft. building which houses the marketing and manufacturing of Videomedia's Z600 line of professional editing systems, as well as their automated control systems, the VMC-100 VMC-200 series.

OBITUARIES



Charles B. B. Wood

Charles B. B. Wood

Charles B. B. Wood, M.B.E., a Fellow of the SMPTE, an Honorary Fellow of the BKSTS and a Fellow of the Royal Television Society, died November 14, 1982, at his home in Bagley Croft, Kent, England, at the age of 69.

On November 8 the Agfa-Gevaert Gold Medal Award was presented to him at the Society's 124th Technical Conference in New York. The Agfa-Gevaert Gold Medal honors the outstanding leadership and inventiveness of the recipient in the research, in the research, development, and/or engineering of new techniques that result in a significant improvement to the interface between motion-picture film and television imaging systems.

At the outbreak of World War II, Wood joined the Royal Air Force, where he worked on the design and installation of radar for night fighter interception. When the war ended he joined the BBC Research Department in 1946. In 1953, he became head of the BBC Engineering Information Department.

During the 1950's, he was actively involved in film telerecording and in the development of electronic cameras and in early experiments with color. Over the years he became internationally known for his work in color television, particularly in the integration of color film with color television. For his work in this field he was awarded the Geoffrey Parr Award of the Royal Television Society and the President's Prize of the BKSTS. In 1977 he was awarded the SMPTE Special Commendation Award.

Wood served on various SMPTE Committees concerned with color and television and he contributed a number of papers to the *SMPTE Journal*. In 1970 — the same year he was made an SMPTE Fellow — he received the Journal Award for his paper, "Some Considerations in the Television

Broadcasting of Color Film," published in the April, 1969 issue of the *Journal*.

A Memorial Service was held November 29 at All Souls Church in London.

Boris Konoplev

Boris Konoplev, a Fellow of the SMPTE, died October 13, at the age of 73, in Moscow. At the time of his death he was Technical Director of Mosfilm Studios, a post he had held since 1948, and since 1963 he had been a professor at the State Cinema Institute. He had worked in motion picture engineering since 1929 and was one of the founders of Soviet film technology. Among other accomplishments, he made valuable contributions to the development of sound recording technology in the USSR.



Boris Konoplev

Prof. Konoplev was one of the founders of UNIATEC, and in 1957 he was elected its vice-president. For his valuable contributions to the advancement of motion-picture technology he was awarded the Soviet Prize Laureate and the title of Honored Scientist. He was the bearer of five orders and medals of the USSR, and was also Chairman of the Motion Picture Technology Committee of the Filmmakers Association of the USSR. Among the international awards he received were included Intercamera-77, Czechoslovakia, and a French Decoration presented in recognition "of valuable contributions to the motion picture industry." He was made an Honorary Fellow of the BKSTS.

Prof. Konoplev was the author of six books on film production technology, as well as numerous articles published in scientific and technical magazines.

Ed. Note: The information for this obituary was supplied by Vladimir L. Trusko, who is Head of the Technical Board of the USSR State Cinema. Mr. Trusko is a Fellow of the SMPTE. A close associate of Boris, Konoplev, in his letter to the *SMPTE Journal*, he said "The death of Professor Boris Konoplev is a grievous loss for the Soviet cinema industry."