

Biographical Notes

Edmund M. DiGiulio

SMPTE Governor

Hollywood Region

1982-1983

Edmund DiGiulio, president and founder of Cinema Products Corp., is an SMPTE Governor for the Hollywood Region.

DiGiulio was graduated from Columbia University in 1950 with the B.S. degree in Electronics Engineering. In 1966, he received the M.S. degree in Systems Engineering from the University of California at Los Angeles. Before founding Cinema Products

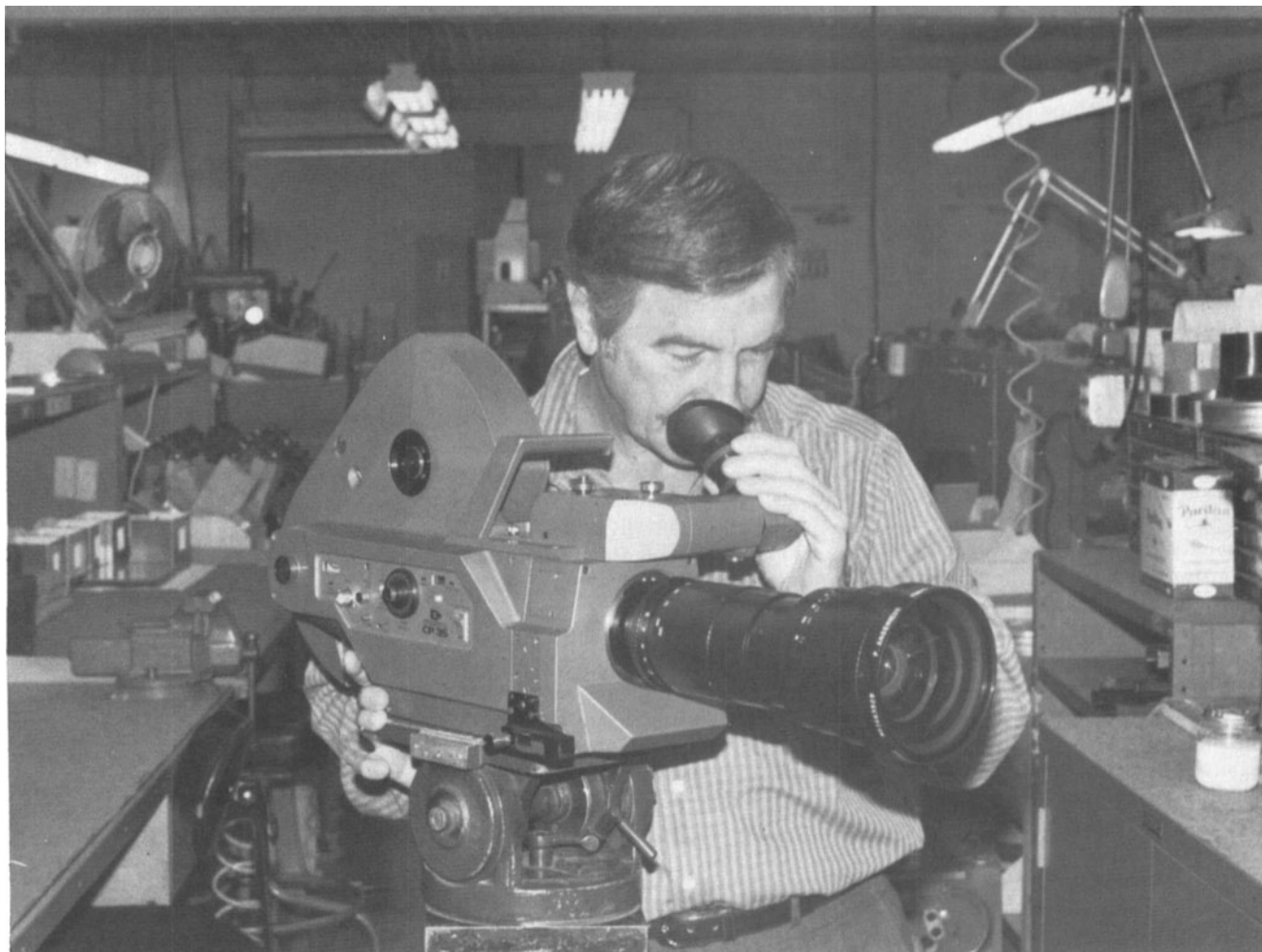


in 1968, he had been vice-president, Engineering, of Mitchell Camera Corp. and, earlier, vice-president, Engineering and Manufacturing, Craig Research Corp.

DiGiulio spent the first decade fol-

lowing his graduation from Columbia in the computer and aerospace industries as an electronic design engineer and senior systems engineer. In 1960, while with Craig Research Corp., his inventive talent was applied to his development of the Craig Reader — a teaching machine that involved him in film and optics research. This activity brought him into the motion-picture industry via his post at Mitchell Camera Corp., and from there to the founding of Cinema Products.

Cinema Products has received several Academy Awards for scientific/technical achievements in professional motion-picture camera design and engineering, including the pellicle reflexing of the BNC camera, crystal-controlled motors, and the J-4 joystick zoom control. Perhaps the award that gained the most attention from the motion-picture industry was the Class I Award for the invention and development of the Steadicam. The highly-prized Oscar went to inventor Garrett Brown and the Cinema Prod-



Edmund DiGiulio checking the Angenieux lens on the CP-35 camera.

ucts engineering staff who developed the Steadicam. The award, presented in April, 1978, was the first Class I Award presented since 1968.

DiGiulio and the SMPTE

DiGiulio joined the SMPTE in 1961, and was made a Fellow in 1973. He is the author of a number of scientific papers, and is a well-known lecturer, having appeared frequently at technical conferences and symposiums in the U.S. and overseas.

DiGiulio credits the SMPTE as the major contributor toward his education in the motion-picture and television industries. In addition to the *SMPTE Journal* and section meetings, he said that his major source of knowledge was the excellent series of tutorial seminars conducted by the Hollywood Section in conjunction with the USC Department of Cinema and Television (a series of tutorial seminars that has been recently revived after a long hiatus).

For several years, DiGiulio taught a graduate seminar in Motion-Picture Engineering at the USC Department of Cinema and Television. "It was an exciting and rewarding experience to interact with such sharp and inquiring young people," he said, "and it gave me an opportunity to pay back in a modest way all the educational benefit I derived when I urgently needed it."

As chairman of the SMPTE Sustaining Membership Committee for the past several years, DiGiulio has seen a change in the complexion of the Society concomitant with the rapid growth of television technology. He foresees a period of unprecedented growth for the Society, keeping pace with the expansion of the new technology.

Other Organizations

DiGiulio is a Fellow of the British Kinematograph Sound & Television Society. He is an Associate Member of the Academy of Motion Picture Arts and Sciences, and an Associate Member of the American Society of Cinematographers.

Family

DiGiulio lives in a hilltop home in Malibu with his wife, Lou. They are both avid tennis players. Their daughter, Amanda, is also a member of the industry, at Paramount Studios, where she arranges for syndication of videotaped programs.

Richard J. Stumpf SMPTE Governor

Hollywood Region

1983-1984

Richard J. Stumpf, director, Sound and Electronics Dept., Universal City Studios, is an SMPTE Governor for the Hollywood Region.

He attended Occidental College and UCLA during World War II, under the Navy V-12 program, and completed his studies at the University of California at Berkeley, graduating in 1948 with the B.S. in Electrical Engineering. Immediately following graduation he went to work at the old NBC radio network, and then was assigned to the NBC TV transmitter on Mt. Wilson for two years during the construction and first operation of the facility. While there, and later at the Hollywood TV studios, he became familiar with such technical matters as TV transmitters, kinescope recording, iconoscope telecines, and image orthicon cameras. He also had the "memorable experience of associating with many of NBC's top television engineers, which left a lasting impression," he said.

In 1952, he was called to active duty in the Navy for two years. He served as navigation and electronics officer on the staff of the commander of the Columbia River Group of the Pacific Reserve fleet with the rank of Lieutenant (jg).

In 1954, Stumpf returned to NBC, where he was responsible for the engineering maintenance of the Hollywood TV studios. In 1956, he was loaned to the Audio Video Facilities group in New York, where he was involved with engineering construction. Finally he participated in the installation and testing of the NBC color studios in Burbank.

During that time, Stumpf became increasingly interested in design engineering, and for two years he worked at Bendix Pacific Corp. in telemetry for project Mercury, the first man-in-space program. The heavy emphasis on analog and digital instrumentation on this project gave him the opportunity to broaden his experience in these important areas.



Upon completion of this project, he joined RCA as engineering leader for the development of new products for broadcast, television, and motion-picture sound recording. One of his achievements was the development (in 1967) of the first digitally-controlled automatic mixdown system.

In 1968, Stumpf obtained his California State Professional Engineer's license. In 1969, he joined Universal City Studios, where he was principal co-inventor of the Sensurround System, for which he received a Scientific/Technical Academy Award in 1974. He received a second Academy Award in 1982, together with Bill Hogan and Dan Brewer, for the engineering of a 24-frame color TV system that generates a 24-frame video display for direct photography with a production motion-picture camera.

Other Activities

He is currently engaged on a project under an ad hoc MPAA committee to demonstrate the feasibility and advantages of the Eastman Kodak DataKode, a method of applying time code magnetically to motion-picture film.

He also serves on the Scientific and Technical Awards Committees of the Academy of Motion Picture Arts and Sciences, and as MPAA representative to the Intersociety for the Enhancement of Theatrical Presentation. Stumpf feels strongly about the importance of the work carried on by this group. "Theatrical exhibition," he said, "is the mainstay of our industry, and it must be maintained at a high technical level." To further this aim, Stumpf has presented his views at



Richard Stumpf with carrots, cabbage, and onions from his garden.

various conventions, particularly the NATO convention, and at other meetings and seminars. One of the seminars to which he contributed was held in Universal's Alfred Hitchcock Theatre. Incidentally, the design and engineering and the upgrading of the sound facilities of the Alfred Hitchcock Theatre were under Stumpf's direction.

Family

Stumpf and his wife, Paula, have raised four children. Their home is situated on a half-acre lot in Woodland Hills. The backyard, Stumpf said, is the center of his weekend activities. He is an avid gardener, and the garden yields almost 100% of the vegetables and fruit consumed by the family. Frequently there is a surplus to be shared with friends and neighbors. Using primarily organic methods, compost made from garden clippings and kitchen waste, supplemented with material from neighbors' horse-corral, has made the soil exceptionally productive. "The garden is a place to unwind and get in touch with the fundamental issues of living," Stumpf said. As Andrew Marvell put it, "A garden is a lovely spot, God wot . . ." as true in the 20th century as in the 17th.

The SMPTE

Stumpf joined the SMPTE in 1968, and was made a Fellow in 1980. He served two terms on the Board of Managers for the Hollywood Section, and has served as Topic Chairman at three SMPTE Conferences.

"Without the SMPTE," he said, an engineer in our industry would be hard

pressed to keep channels open to the diverse technologies that are changing and advancing at an incredibly rapid rate. From the *SMPTE Journal*, the section meetings and conferences, come the ideas that vitalize our profession. By supporting the SMPTE's educational and standardizing activities, we, as individuals, have the opportunity to repay, in some measure, the debt of gratitude that we owe the industry which has so enhanced our lives and our careers."

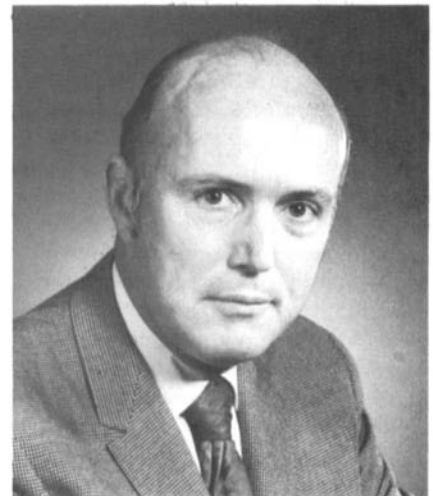
Edward H. Reichard
SMPTE Governor
Hollywood Region
1982-1983



Edward H. Reichard, formerly vice-president, Technical Planning, Consolidated Film Industries, is now a consultant in the fields of motion-picture laboratory practices and procedures. A Life Fellow of the SMPTE, and a Governor for the Hollywood Region, Reichard has been a member of the SMPTE since 1938, and a Fellow since 1952. For 24 consecutive years, he has been an SMPTE officer or governor. He has received 11 Scientific/Technical Awards from the Academy of Motion Picture Arts and Sciences.

(For a detailed biography of Edward Reichard, please refer to the December, 1981, *Journal*, pp. 1190-1191.)

Dr. Roderick T. Ryan
SMPTE Governor
Hollywood Region
1983-1984



Dr. Roderick T. Ryan, regional director, Engineering Services, Motion Picture and Audiovisual Markets Division, Eastman Kodak Co., is an SMPTE Governor for the Hollywood Region. He joined the SMPTE in 1949 as a Student Member, and became an Associate Member in 1952 following graduation from the University of Southern California with the B.A. degree in Cinema. Subsequently, he received M.A. and Ph.D degrees from USC. He became an Active Member of the SMPTE in 1962, and a Fellow in 1964. He has had an active life both professionally and in terms of service to the SMPTE. Among the many other honors he has received, he was awarded the Herbert T. Kalmus Medal in 1978.

Recently, he was made a Fellow of the British Kinematograph Sound & Television Society, the ceremony taking place at BKSTS 83 in June.

In March, 1982, he was the recipient of a Scientific/Engineering Award from the Academy of Motion Picture Arts and Sciences, together with Edward Blasko, for the application of the Prostar microfilm processor for motion-picture title and special-effects production.

(For a detailed biography of Dr. Roderick T. Ryan, please refer to the May, 1982, *Journal*, pp. 498, 500.)