

## Education, Industry News

**Giantview Television Network**, a closed-circuit television and video-tape program producer of Detroit and New York, has changed its corporate name to General Television Network. The announcement stated that the reason for the change is to give separate identities to the company's closed-circuit operations and its equipment manufacturing division. The Giantview name will be retained on TV and electronic equipment produced by the firm's manufacturing division. The firm was founded in 1958. In connection with its closed-circuit activities it operates mobile and studio Videotape\* facilities. It has recently

issued a new rate card for its mobile unit, which is available for use on location anywhere in North America. Two types of services are available. Package No. 1 includes a tape recorder and cue, erase, audio and video channels; tape splicer, timer and reels for 15 to 90 min. The rates, which begin at \$600 per day include the services of a supervisory engineer for an eight-hour day. Package No. 2, in addition to the tape recorder, includes two image-orthicon broadcast cameras and complete equipment. Rates, beginning at \$1450 per day include the services of a full crew. (\*TM Ampex Corp.)

### The 68th Annual Meeting of the American Society for Engineering Education

will be held at Purdue University, Lafayette, Ind., June 20-24, 1960. A series of conferences on themes related to engineering education will begin Monday, June 20, with a discussion of the National Survey of Technical Institute Education. The survey conducted by the ASEE and the U.S. Office of Education covered technical institutes, defined in the report as "institutions of higher education with programs of less than four years' duration." (*Journal*, p. 542, Aug. 1958). Panel members will discuss major findings of the survey, implications of the survey for engineering education, implications for industry, and implications for guidance and counseling.

Other significant themes to be explored, among others, include Long Range Education and Development of the Engineer; The Role of ASEE in Latin-American Relations and Development of Graduates. An especially interesting conference will be conducted by L. K. Downing of Howard University on Education Programs of Some Professional Engineering Societies. Programs of seven engineering societies and that of the Institute of Aeronautical Sciences will be discussed.

A new television station has been constructed at Recife, Brazil, and is scheduled to begin operating on a regular basis in the near future. Scheduled test transmissions are now underway. The building contains three studios. Studio and transmission equipment have been supplied by Marconi's Wireless Telegraph Co., Ltd., Chelmsford, Essex, England. Studio equipment includes seven 4½-in. image-orthicon cameras, master control equipment, two vidicon telecine units and lighting, sound, test and ancillary equipment. A three-camera outside broadcast vehicle and microwave link equipment are provided. Transmission equipment consists of Band I 18 kw vision and 9 kw sound transmitters feeding into a 6-stack quadrant aerial, providing an effective radiated power of 110 kw. The equipment operates on 625-line standards and is capable of handling a compatible color service. The station is owned by Empresa Jornal do Comercio S.A., Recife.

More than 80 Marconi Mark IV TV camera channels have been installed since the first of the year in broadcasting studios in Great Britain, Canada, the United States, Australia, Denmark, Switzerland, Italy and Poland. A recent order for three camera channels was placed by Elektrim, the official Polish import and export organization for electrical products, to be installed in Warsaw studios. The cameras will operate to O.I.R. standards (625 lines, 50 fields, 8 mc channels).

Thirty-five 16mm films and 17 35mm filmstrips won Blue Ribbon Awards from a field of 300 entries at the American Film Festival held April 20-23, in New York. The films and filmstrips were reviewed in 33 competitive categories under general classifications of Art and Culture; Business and Industry; Education and Information; Health and Medicine, and Religion and Ethics. The Awards Presentation was presided over by Elliott H. Konec,

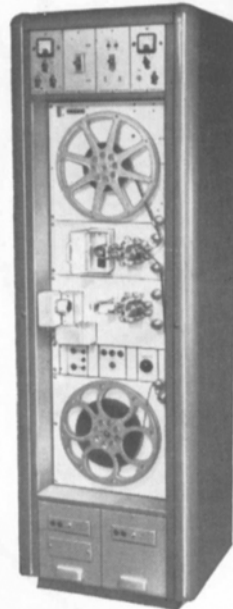
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Director of the Audio Visual Center of Yale University and President of the Educational Film Library Association, which sponsors the annual American Film Festival. Eight of the Blue Ribbon winners—five films and three filmstrips—were produced by the National Film Board of Canada—a record total. A number of foreign films were entered, with Blue Ribbons going to *Richard III*, produced by Sir Laurence Olivier; *Between the Tides* (in the Nature and Wildlife category), produced by British Transport Films; and *The Red Balloon*, produced in France by Albert Lamorisse.

A collection of recordings of the voices of motion-picture pioneers has been pre-

sented to the Film Archive of the Dept. of Theater Arts, Univ. of California, Los Angeles by the noted Hollywood Cinematographer, Charles G. Clarke. The collection includes a recording of the voice of Thomas A. Edison. The Film Archive has also acquired an extremely rare pre-World War II film (circa 1932) of Adolf Hitler addressing German factory workers. This is believed to be the last existing print of this film.

Papers reporting studies conducted by Bell Telephone Laboratories, 463 West St., New York 14, on various aspects of human vision were presented at the Spring Meeting of the American Optical Society in Washington, D.C. A paper by George

Sperling describes experiments in vision in which an observer can see only a negative after-image of an object. In the procedure an intense image is flashed for a very short time and then followed by a plain white field which lasts for 1/15 sec. When the test image occurs about 1/100 sec before the white field, the image will look like its photographic negative.

A paper by Bela Julesz describes peculiar and sometimes unexpected depth effects observed during experiments on binocular vision. Work on this aspect of vision began during an attempt to program a computer to find parallax shifts automatically. A paper by Emanuel Averbach and Abner S. Coriell describes experiments showing that the human eye can "remember" a great deal of information for a short time. Further investigations in this area are expected to shed light on how the nervous system stores and scans information as well as on the manner in which such information is transferred and processed.

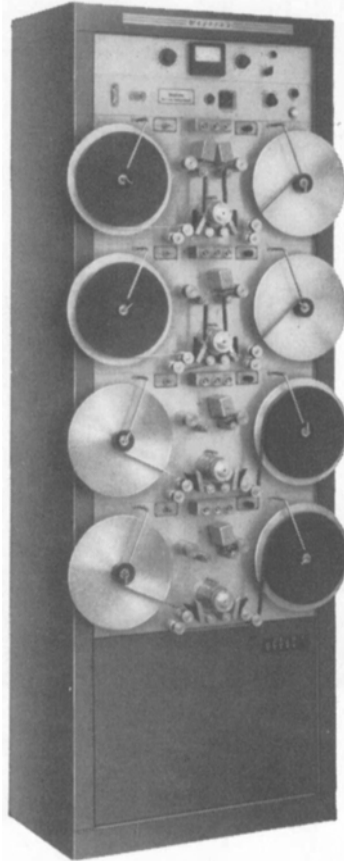
The Cinema Collector, the Journal of the Society of Cinema Collectors and Historians, has published an unusual appeal for help to its membership in a Message from the President. The present officers of the organization, Irving Browning, President; Carl-Frederick Nelson, Vice-President; Lawrence Morales, Secretary, and Saul Haber, Treasurer, are not only willing, but eager — and perhaps anxious — to place the reins of office in other hands. "We have tried for a change of officers," the Message states, "... it begins to look like we don't want to give up. However, this is not so. We are entitled to be relieved by ballot in an election which should take place as soon as possible."

The organization, now in its eighth year, is made up of collectors of moviana and others interested in the history of motion pictures.

Newly elected officers of the Motion Picture Industry Credit Group of the National Association of Credit Management, 44 E. 23 St., New York 10, are: Co-Chairmen, S. C. Robbins, of Movielab Film Laboratories, Inc., and Walter J. Lynch, of Capital Film Laboratories, Inc.; Vice-Chairman, Jack Fellers, of Du Art Film Laboratories, Inc.; Committee-Men, George Elstad, of Precision Film Laboratories, Inc., Daniel Nemeth, of Technical Film Studios, Inc., Robert J. Kingsley, of Recording Studios, Inc., and Howard Funsch, of Consolidated Film Industries. The term of office is one year and began May 1. The Group was chartered April 1, 1953 and now has 30 members, including motion-picture processors, equippers, suppliers and service and financial organizations in the metropolitan New York, Washington, D.C. and Chicago area.

Six organizations have announced meetings to be held in connection with the 20th Annual National Audio-Visual Convention in Chicago, Aug. 6-9, 1960. Dates of meetings are: A-V Workshop for Industrial Training Directors, Aug. 8; Illinois Audio-Visual Assn., Aug. 6; Industrial Audio-Visual Assn. (Midwestern Region), Aug. 8; A-V Conference of Medical & Allied Sciences, Aug. 8; Board of Directors of

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the Dept. of Audio-Visual Instruction, National Educational Assn., Aug. 6-7; National Audio-Visual Assn., Aug. 6-9. Exhibits of more than 130 manufacturers and producers will be displayed. Exhibits include 27 displays of language laboratory equipment, accessories and materials. The 1959 NAVA Convention had 12 language laboratory displays and the 1958 Convention had only two.

The 30th Annual Meeting of the Biological Photographic Association will be held Aug. 23-26 in Salt Lake City, Utah. The agenda is planned to interest persons working in various phases of biological and medical photography, including field photography, motion pictures and photomicrography. New equipments and techniques applicable to biological research will be demonstrated and discussed. Award-win-

ning motion pictures will be shown. Meeting Chairman is Howard E. Tribe, Director of the Division of Medical Illustration, University of Utah.

The 12th International Cinematography Engineering Congress will be held September 29 through October 1 in Turin, Italy. Theme of the Congress will be Contribution of Modern Techniques to Cinematography and Television Problems and Present-Day Possibilities of a Standardization. Chairman of the Congress is Dr. Ing. A. Daniele Derossi. Chairman of the General Committee is Dr. Ing. Giovanni Nasi.

The Sixth Conference on Radio-Interference Reduction and Electronic Compatibility will be held Oct. 4-6 at the Museum of Science and Industry, Chicago.

Jointly sponsored by the three military services, the conference is conducted by Armour Research Foundation in cooperation with the IRE Professional Group on Radio Frequency Interference. Electromagnetic interference problems will be the main topic of discussion. Sessions will cover equipment design techniques, instrumentation and measurement, and practical interference reduction. Conference Chairman is Stabley I. Cohn, Assistant Director of Electronics Research, Armour Research Foundation. Conference Secretary is Robert Brausch, Armour Research Foundation, 10 W. 35 St., Chicago 16.

The 1960 Journal Award of the Society of Photographic Scientists and Engineers has been presented to William West and Vernon Saunders, of Kodak Research Laboratories, co-authors of a paper on the chemistry of photographic sensitizers. The award-winning paper, "Experimental Studies of the Mode of Action of Sensitizing Impurities in Thin Crystals of Silver Bromide," published in the *SPSE Journal*, is a study of the behavior of trace materials in silver bromide and their role in photographic sensitivity.

The Society of Photographic Scientists and Engineers conferred the honorary membership grade of Fellow upon four scientists and named two Senior Members during ceremonies held as part of the National Conference held in October 1959 in Chicago. The Fellows are: Charles E. Ives, of Eastman Kodak Co.; F. W. Hellmut Mueller, of Ansco Division of General Aniline and Film Corp.; Deane R. White, Parlin Research Laboratory, E. I. du Pont de Nemours and Co., and T. Howard James, of Eastman Kodak Co. Senior Members are Frances M. Van Allen, Rochester, N.Y. and Norton Goodwin, Washington, D.C.

Mr. Ives, a research associate with Kodak, was cited for 40 years of studies in motion-picture engineering and for development of radically new types of equipment and methods for rapid processing of photographic films. He has published some 30 technical papers on various aspects of his research.

Dr. Mueller, Director of Research for Ansco since 1944, is internationally known for his improvements in Photographic emulsions. Dr. White, a physicist and photographic scientist, has been associated with du Pont since 1927. His research has covered photographic instruments, developing machines, drying processes, x-ray films, film base, and other photographic fields.

Dr. James has conducted extensive research on the theory of development and latent image formation at Kodak Research Laboratories.

Of the above-named honorees two, Mr. Ives and Dr. White, are also Fellows of the SMPTE and each has been the author of papers published in the *Journal*.



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