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Div., Carbons, Inc., Boonton, N.J.; Zoomar, Inc., Glen Cove, N.Y.

The Exhibit Chairman, who is now busy with the arrangements for what will undoubtedly be the largest display of equipment of this sort ever assembled, is George Kendall, Moviola Manufacturing Co., 5539 Riverton Ave., North Hollywood, Calif. Information about space at the Exhibit can be obtained from George Kendall or from Society Headquarters.

## Education, Industry News

**For a census: Motion-picture producers** as well as manufacturers of motion-picture equipment will soon be receiving census forms from the Department of Commerce with questions designed to fit each firm's major lines of activity to provide information for the 1963 Economic Censuses. The censuses are taken every five years. Firms in the motion-picture production or distribution business will receive Form CB-78A. Among information to be reported will be the precise type of business, such as distributing or producing motion-picture films or tape, either for theater or TV presentation or in-services allied to production or distribution, such as film processing, delivery or booking.

Those in the motion-picture exhibition business will receive Form CB-78B which will include questions on paid admissions, theater capacity, multiple features, and on films leased in 1963.

The Census Act requires that every firm that receives a Census form must fill it out and return it. The series of censuses provides the basis for hundreds of other statistical reports during the five-year periods. Information about an individual firm is used only for statistical purposes; it may not be used for any other purpose; it cannot even be subpoenaed for a court case. The 1963 Census will provide overall facts and figures about the industry — suppliers, distributors, competing products, etc.

**The IEEE Spectrum**, a new monthly publication of the Institute of Electrical and Electronics Engineers, will be launched with the January, 1964, issue. *Electrical Engineering* was discontinued with the December issue. The circulation of the *Proceedings of the IEEE* will be cut from 100,000 to 40,000. Subscription rates for the new *Spectrum* will be \$9.00 to IEEE members and \$18.00 to non-members,

while subscription rates for the *Proceedings* will be \$6.00 to IEEE members and \$22.00 to non-members.

**The Society of Photographic Instrumentation Engineers** will hold a seminar March 2-3, at the Chase-Park Plaza Hotel, St. Louis, Mo. Subject of the seminar will be Photooptical Data Reduction and all aspects of reduction from data acquisition to utilization will be covered. Discussions will center around techniques and/or equipments involving manual, semiautomatic and automatic operation employing electrooptical, photooptical, mechanical and electronic devices. Seminar Chairman is R. J. Gast, P.O. Box 284, Florissant, Mo.

**The Society of Photographic Instrumentation Engineers** has announced presentation of a Charter Plaque to its New Jersey Chapter which shows the

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**Responsible for tape to film transfer? Check out this addition to the distinguished MTE line of synchronizing equipment. You'll find no other gives you all of the 92B's important benefits:**

**WIDE RANGE**, can correct speed deviations of +20% to -20% from sync speed.

**CONTINUOUS DISPLAY OF SYNC CONDITION** so user knows exactly whether tape is in sync. Oscilloscope semi-circle pattern moving clockwise indicates tape speed fast, counterclockwise indicates tape speed slow, semi-circle standing still indicates precise sync speed. In addition, Comparator-driven dial registers % deviation from 7 1/2 or 15 i.p.s. normal speed. **SYNC SIGNAL LEVEL IS INDICATED BY VU METER**, an Attenuator provides for boosting weak signals 20 DB. Also a Volt Meter indicates voltage to capstan motor.

**HAS MEMORY** if sync signal is lost, tape runs at last sync-controlled speed.

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**VERSATILE REMOTE CONTROLS** for operating tape recorder at the Synchronizer are incorporated.

**FULLY AUTOMATIC.** Choice of automatic speed control for sync transfer work or manual speed control for special effects, pitch change, trimming time spots, etc.

**COMPACT.** All solid state. Entire 92B unit mounts in 12 1/4" of rack space, weighs 38 lbs.

**COMPATIBLE.** Can be used with tape transports including Ampex 350, 351, 354, 300, 400, and others. Uses 60 cycles or 14KC control track supplied by MTE type 87, 88, or any other control track generators, or sync head.

**ECONOMICAL.** High utility in film studios, music studios, in-plant film production facilities. Solid state reliability eliminates maintenance.

# M.T.E.

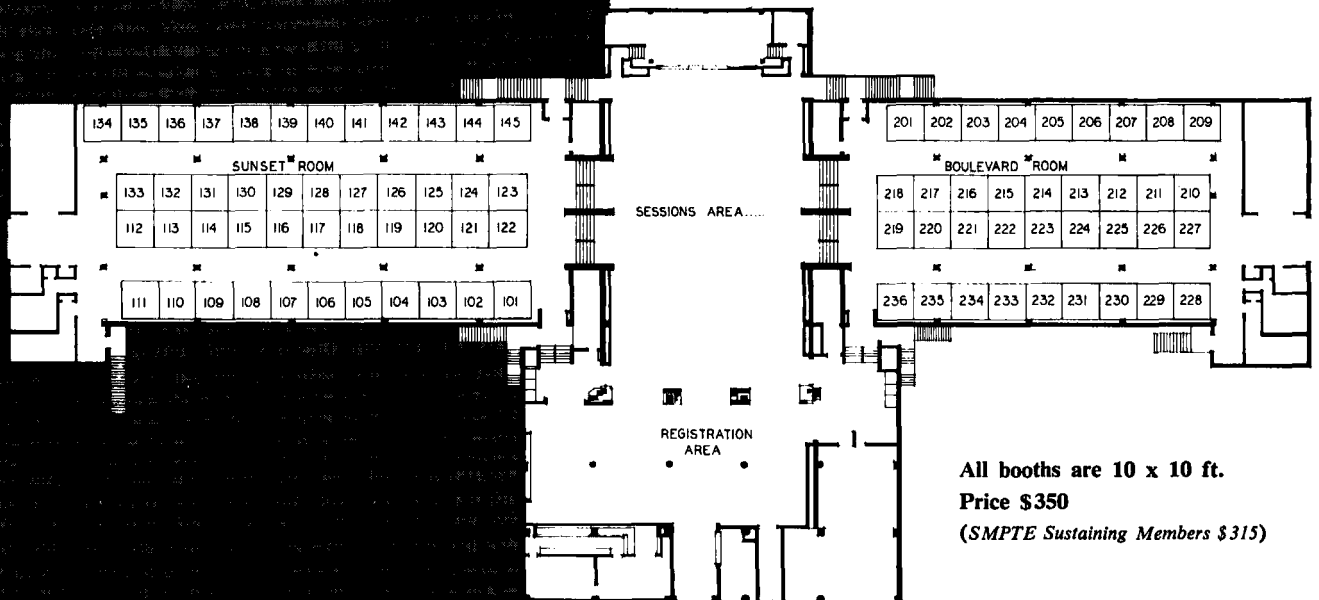
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# Technical Conference



names of 34 charter members of the Chapter. Officers of the New Jersey Chapter for the 1964 term are Charles A. Jantzen, President and Treasurer; Alle A. Lampheir, Vice-President; and John L. Joseph, Secretary.

**A national conference on Improvement of Teaching by Television and Radio** will be held March 2-4, at the University of Missouri. The conference is sponsored jointly by the university and the National Association of Educational Broadcasters. The conference will stress quality of instruction through programs on the roles of teachers, administrators, and producer-directors. Subjects of discussion will include programs on the application of

research, the use of graphics and devices, and the inter-institutional exchange of broadcast materials. Information about the conference is available from Central Scheduling Office, 220 Student Commons, University of Missouri, Columbia, Mo.

**The Fourth Annual Armed Forces Television Conference** was held in October at Lowry Air Force Base, Denver, Colo., with the purpose of facilitating exchange of information among military users of closed-circuit television. Although this was the fourth such conference sponsored by the Armed Forces it was the first time that the Air Force has been host. Lowry Air Force Base was chosen as the conference site because it is one of the first

installations to have used closed-circuit TV for technical training and it has served as a proving ground for many of the educational techniques now used by the military services.

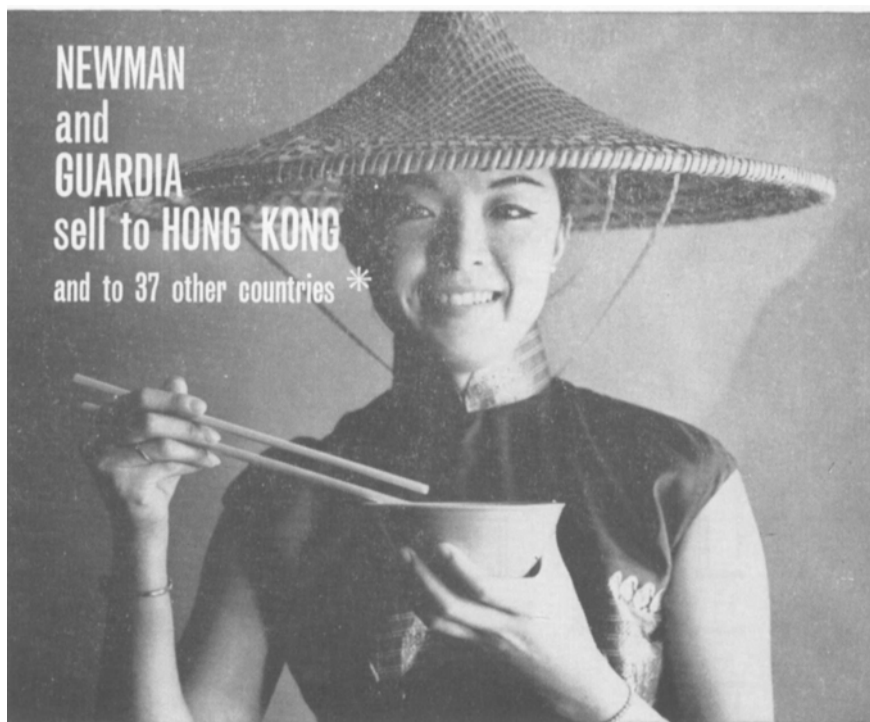
The three-day conference was opened by an address by William Harley, President of the National Association of Educational Broadcasters. Highlights of the program included a talk and video-tape demonstration by Captain John R. Haney of the Air Force Academy. Captain Haney demonstrated by video-tape how this concept has helped the Academy train Air Force cadets. Charles M. Hersh of the Army Ordnance School gave a talk on the Army's new concept of educational television training in the field of missiles. A discussion on Programmed Television Instruction was presented by Major Franklin D. Butler, Jr., L. P. Greenhill, Director of Instructional Services, Pennsylvania State University; and A. K. Quinn. Guest speaker at the banquet was George Murphey, Vice-President of Technicolor Corp.

During the conference new equipments and systems were exhibited and demonstrated by leading manufacturers in the television and audio-visual fields.

**IFIP Congress 65**, the triennial meeting of the International Federation for Information Processing, will be held May 24-29, 1965, in New York. The program will cover major advances in such fields of application as mathematics, language translation, management information systems, data communication, and artificial intelligence, as well as the design and programming of computers. The IFPA Council met in Gola, Norway, to set up plans for the Congress which will include an exhibit, to be called Interdata 65, which will display information processing equipment and techniques and will feature working models of many of the machines to which they can be applied. The scientific program has been organized into an orientation program and a specialist program so that interests of both information scientists and workers in other fields served by information processing techniques will benefit from the two types of presentations.

**The German Society of Motion Picture and Television Engineers** (Deutsche Kinotechnische Gesellschaft für Film und Fernsehen) will hold its annual meeting March 2-7 at the Technical University, Berlin, accompanied by an exhibit of professional studio and laboratory equipment relating to motion-picture photography, television, radio, records and theater. The Motion-Picture and TV Film Standards Committee (FAKI—Fachnormenausschuss Kinotechnik für Film und Fernsehen) will be holding its spring meeting concurrently with the DKG. Information can be obtained from the Deutsche Kinotechnische Gesellschaft für Film und Fernsehen e.V., 1 Berlin 15, Schaperstr. 15, Germany.

**The first Festival of World Television** was held Nov. 26 to Dec. 6 in London. The event was presented by *Contrast*, the television quarterly of the British



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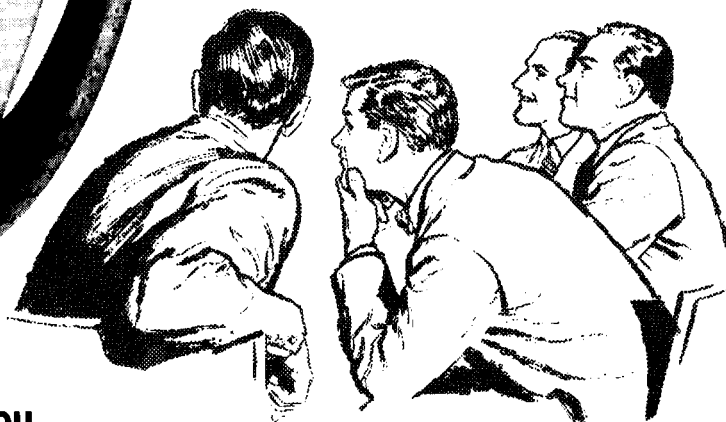
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Film Institute, in association with the British Broadcasting Corp., The Independent Television Authority, and The Independent Television Companies, and with the co-operation of the Association of Cinematograph Television and Allied Technicians, British Actors Equity Association, Musicians Union, and Variety Artists Federation. Programs shown during the Festival were selected by a committee consisting of representatives of the participating organizations. The event was arranged with the aim of establishing a television festival that would take in the whole range of television. It was non-competitive and no prizes were offered. It was planned rather as a working festival designed to inform and stimulate people professionally engaged in television, including those concerned with its educational aspects.

**Golden Eagle awards** were presented to 80 American-produced nontheatrical motion pictures during the sixth annual awards ceremony held by the Council on International Nontheatrical Events (CINE) in November at the Washington, D.C., headquarters of the National Education Association. The event was announced by John Flory, CINE National Chairman, who said that the Golden Eagle films had been selected early in the year from 254 entries and later had been entered in competition with foreign productions at international festivals.

The award-winning films covered many areas of interest including science, med-

icine, travel, sociology, art and music; among them was *Molecular Spectroscopy*, produced by Reid H. Ray Film Industries, Inc. (*Journal*, May, 1963, p. 438), which was awarded the Bronze Medal at the VIII International Exhibition of Scientific-Didactic Films at Padua University, Padua, Italy. *Life Cycle of the Wasp*, a color movie showing the wasp's activities during its life span, produced by Productions Unlimited, has also been shown at Padua as well as at the San Francisco Film Festival and the American Film Festival in New York. Among 1963 Golden Eagle films are those produced by Iowa State University, *The Cattle Feeders* and *The Nozzle-man*. Ohio State University produced *Chile Nutrition Survey*, *Diagnosis and Management of Eye Injuries*, and *Futures in Welding*. *Music, the Expressive Language*, which received awards at the Edinburgh, Venice and Vicenza film festivals, was produced by Sutherland Educational Films, Inc.

**Willis H. Pratt, Jr.**, film manager for American Telephone and Telegraph Co., has been elected President of the Council on Nontheatrical Events (CINE), succeeding John Flory of Eastman Kodak Co. Other newly elected and re-elected officers are four Vice-Presidents, Tom Hope, Eastman Kodak Co.; J. Edward Oglesby, Virginia State Department of Education; Anna L. Hyer, DAVI, National Education Association; and Charles Bennett, Farm Film Foundation. Treasurer for 1963-64 is Brig. Gen. Willard Webb (ret.), American Science Film Assn. Secretary is Alden

Livingston, E. I. du Pont de Nemours & Co. Harold E. Wigren was re-elected CINE coordinator.

Also announced was availability of application forms for nontheatrical and short subject films for 1964 festivals from CINE, 1201 Sixteenth St., N.W., Washington, D.C. 20036. Deadline for receiving entries is March 2, 1964. To be eligible films should have been released during 1963 or in January or February, 1964.

**The Midwest Film Festival 1964** has announced that applications for entry of films will be accepted until March 1, 1964. The competition is open to 16mm and 35mm films that have not been shown at any previous Midwest Film Festival and which are not being offered for sale or rental at the time the application is made. In addition to a First Prize, First Place Awards will be made in each of four categories: Abstract; Dramatic and Narrative; Humor and Satire; Documentary and Educational. Detailed information is available from Midwest Film Festival 1964, Ida Noyes Hall, 1212 E. 59 St., Chicago 37, Ill.

**A \$53 million new campus** comprised of six academic structures, an administration center, three student service buildings, and dormitories for single and married students is planned by the Rochester Institute of Technology and is expected to be completed in 1967. The 1,300-acre campus will include Colleges of Fine and

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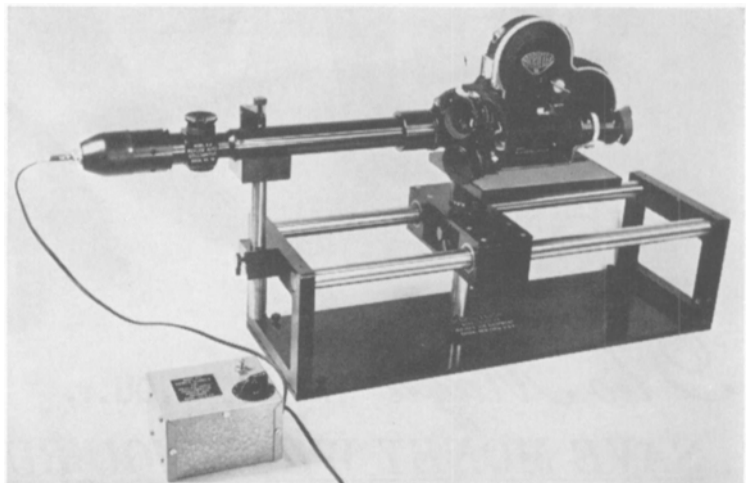
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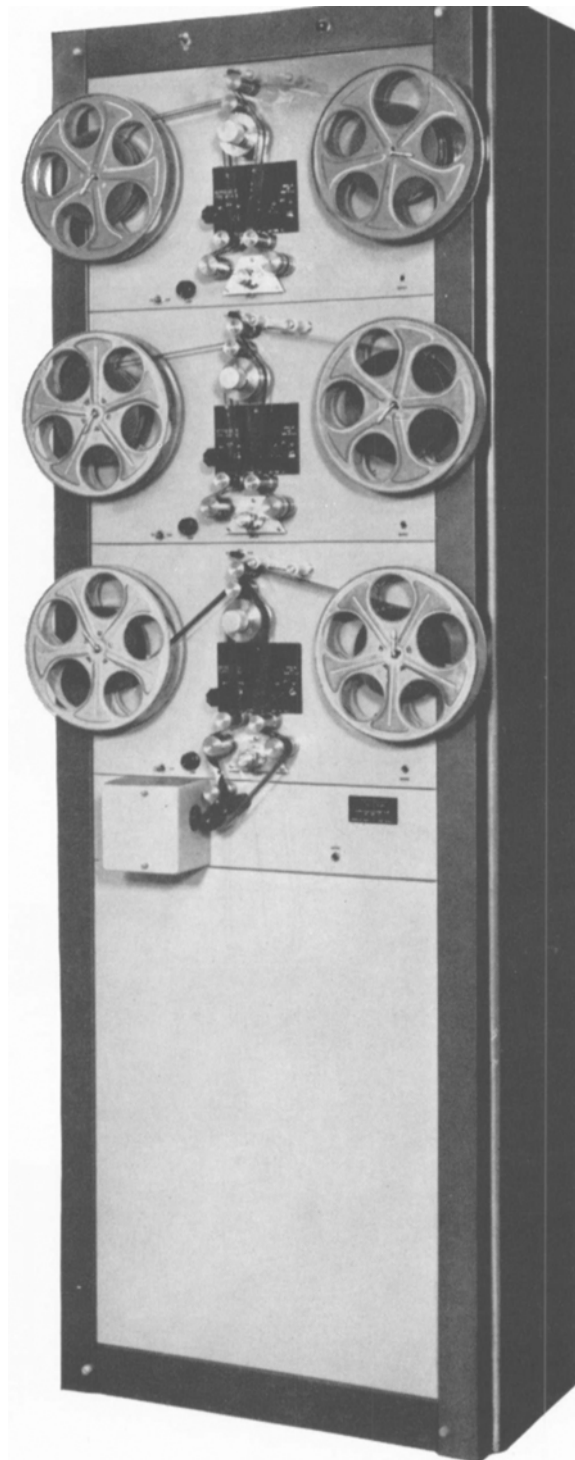
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Applied Arts, Graphic Arts and Photography, Applied Science, and Business. Buildings are planned to house gymnasiums, a library, student union, dormitories and other auxiliary buildings. Also planned, but pending national foundation support, is a College of Health Sciences devoted to technological education in the paramedical fields. The new campus will be located in suburban Rochester. Inability to expand in its present location in the city of Rochester and plans of the State Highway Commission to route the inner-loop extension through the present campus motivated the decision to move the Institute. The decision was supported by the findings of the Ford Foundation's Educational Facil-

ities Laboratories, according to the statement of Arthur L. Stern, Chairman of the Institute's Board of Trustees.

**The Audiovisual Center** at Syracuse University has been renamed Center of Instructional Communications to reflect the broad scope of its expanding services and activities, according to an announcement by Donald P. Ely, Director. Established in 1948, the Center maintains a large educational film library and an educational tape library featuring outstanding University programs and guest lectures. Recent activities include operation of a 195-position electronic learning laboratory, custom design of classrooms for automated instruction, and a program of research

and experimentation in programed learning, teaching machines and computer-based instruction.

**Photographic Aspects of Ionizing Radiation** is the subject of a three-day symposium which has been arranged by the Royal Photographic Society of Great Britain to take place at the Clarendon Laboratory, University of Oxford, April 15-17. Fundamental aspects of photographic theory will be considered during the first day which will include papers on latent image formation, x-ray reciprocity failure, and variation of density with exposure temperatures at low radiation levels. Papers on the science of photographic dosimetry will cover aspects of beta-rays, mixed radiations, automation, the new British Film Badge, Finger-Films, etc. Other papers to be presented during the symposium deal with the recording of ionizing radiation in space, with particular reference to the x-ray radiation of the sun and to the absolute calibration of photographic emulsions exposed to soft x-radiation. Discussion of medical and industrial radiography will include papers on image quality, information theory, definition, etc. Technological aspects of the subject will also be considered. An evening lecture will be given by Dame Janet Vaughn of the Medical Research Council and Principal of Somerville College, with the title, "The Effect of Bone-Seeking Radioisotopes in Human Beings and in Animals."

**The Peace Corps** has accepted a gift of 12,500 educational filmstrips valued at \$75,000 from Encyclopaedia Britannica Films Inc., 1150 Wilmette Ave., Wilmette, Ill. The filmstrips will be assembled into 359 libraries on English, geography, biology, and Americana to be distributed to volunteer teachers in 47 countries. The largest supply, 203 libraries, will go to countries in Africa; 57 libraries will go to Latin America; 48 to the Near East and South Asia; and 42 to the Far East.

**Eleven managerial appointments** in Eastman Kodak Company's Motion Picture Products Sales Department have been announced. At the East Coast Division, 200 Park Ave., New York, John A. Pistor has been appointed General Manager; E. M. Stille, Manager of Engineering Service; and L. A. Bonn, Sales Manager. At the Midwest Division, 130 E. Randolph Dr., Chicago, Kenneth M. Mason has been appointed General Manager; W. A. Koch, Manager of Engineering Service and J. H. Maynard, Sales Manager. At the West Coast Division, 6677 Santa Monica Blvd., Hollywood, Norwood L. Simmons has been appointed General Manager; Vaughn C. Shaner, Manager of Engineering Service; and W. L. Farley, Jr., Sales Manager. At the Southern Division, with headquarters at 343 State St., Rochester, N.Y., Gordon A. Chambers has been appointed General Manager, and G. H. Tubbs has been appointed Manager of Engineering Service. Sales to Southern Division customers will be handled by the Midwest Division, the announcement stated.

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