

## Papers Committee National Chairmen From Sweden and USSR

*Ed. Note:* The report "Papers Committee Activities Abroad" by Rodger J. Ross, International Vice-Chairman, *Journal*, 31-35, Jan., 1964, elicited favorable comments and the suggestion that the National Regional Chairmen who, because of time and distance, cannot regularly attend the Society's Conferences, should somehow become better known to other members of the Society. Also, because special appreciation is due the National Regional Chairmen for their year-round activity in promoting the Society's interests, the following bio-

graphical information has been prepared to introduce two of the active Regional Chairmen.

Stellan Dahlstedt, now 54, has been occupied with sound and film techniques since 1930. When he was a young student, he spent half a year in London, studying early television techniques. While there he witnessed a demonstration of Lee de Forest's Photophone sound system. In 1930, while attending the



**Stellan Dahlstedt**

Technical University of Stockholm, he took an active part in the sound film industry in Sweden and was responsible for a number of sound film installations in motion-picture theaters and film studios.

In 1933 he was graduated with a degree in Electrical Engineering from the Technical University of Stockholm. As the subject for his dissertation he chose "The Measurement of Acoustical Impedance by a Bridge Method." At that time, courses were not offered in his preferred subject of sound and film technique.

Mr. Dahlstedt continued his work in sound film as a designer of sound film equipment at the Aga-Baltic Radio AB at Lidingo, near Stockholm. Many of the theaters and studios of Sweden soon were equipped with material designed at the Aga-Baltic laboratory. There was, at that time, a close cooperation with the Danish inventors Peterson and Poulsen, and one of the great initiators of ideas was the late Evert Aulin. Mr. Dahlstedt soon became head of the sound film laboratory which grew steadily as equipment was sold also for export.

During World War II, there was a change in activity. Although a completely new sound recording system was developed for the Swedish film industry, Mr. Dahlstedt's time and efforts were mainly engaged in the defence of the country, and he invented a gyro-stabilized magnetic remote controlled compass for the Air Force. The device was installed in many of Sweden's fighter planes, and the principles of the compass was later incorporated into a navigation instrument developed by the Aga Company.

In 1945, Mr. Dahlstedt became Technical Superintendent of the major Swedish film company, AB Svensk Filmindustri, where he was responsible for all technical operations. More than 100 motion-picture theaters and the film studios at Filmstaden were incorporated in this firm. Many of the "greats" of Swedish film history, Victor Sjöström, Greta Garbo, Ingrid Bergman, Ingmar Bergman, and others, began their careers with this company. In the position of Technical Superintendent, Mr. Dahlstedt's tasks varied from the develop-

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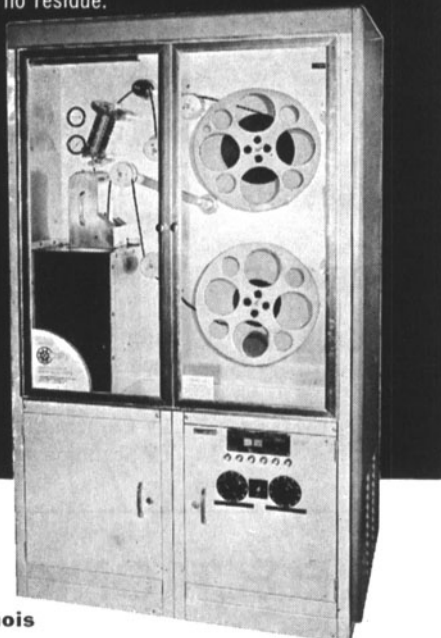
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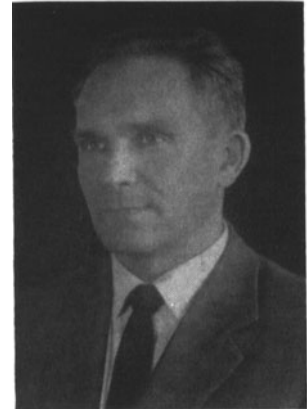
ment of chemical methods of subtitling to the responsibility for dubbing Walt Disney's *Sleeping Beauty*, and from construction of film vaults to the acoustical design of studio sets and theaters. In 1954, his foresight in introducing wide-screen techniques greatly advanced the interests of his company. Also, in the introduction of color techniques, he made a start when, in 1946, he made the first test production of *Aunt Green, Aunt Brown and Auntie Lavender*.

At the end of 1960, Mr. Dahlstedt organized Akustik-Konsult AB, a company intended to serve as consultant in Building Acoustics, Sound Techniques

and Film, and early in 1961 he resigned from Svensk Filmindustri. Through his company he now has close contact with the film-producing companies of Sweden, the newly formed Swedish Film Institute, and manufacturers of equipment for the film industry.

His latest project is the introduction of an idea which originated in Finland, the formation of Nordiska Film-och TV-Unionen, a Union intended to bring into close contact the professional workers in film and television in the Scandinavian countries. The Union has been active for two years now, and Mr. Dahlstedt is Chairman of its Swedish section. He is

also Chairman of the Swedish Society of Motion Picture and Television Engineers.



V. G. Komar

(The following is translated and abstracted from *Tekhnika Kino i Televideniya* for December 1963.)

September 29, 1963, marked the 50th birthday and 30th year of professional activity of Victor Gregorovich Komar. A well-known specialist in the field of electronics and motion-picture techniques, he is the author of many important scientific papers in the fields of power supplies, automation and electronics. Many of his studies have formed the bases for the development of modern motion-picture equipment.

Professor Komar was born at Syzran. In 1931 was graduated from the Moscow Electro-Industrial Technicum and in 1937 from the Allstate Industrial Institute; in 1943 he became a Candidate of Technical Sciences, and in 1949, a Doctor of Technical Science. From 1930 until 1942, he worked for the Moscow Transformer Factory as an engineer, later becoming senior engineer. He then moved to the research laboratory of Cinema & Photo Research Institute (NIKFI) in the capacity of Assistant Laboratory Supervisor. In 1950, he was promoted to Deputy Director of NIKFI and at present he is Director of NIKFI. Among Professor Komar's designs which have been placed in production are a power supply for theatrical projectors, current regulators for studio lighting, and equipment with semiconductor devices for various applications in cinematography. He has written a number of papers on theory and quality improvement which have practical application in the technique of film making.

All of his organizing abilities at NIKFI have been directed to the development and strengthening of the Institute, and his scientific works have helped the workers of the Institute to solve successfully many problems of cinematography. One important scientific-organizational job performed by Professor Komar was

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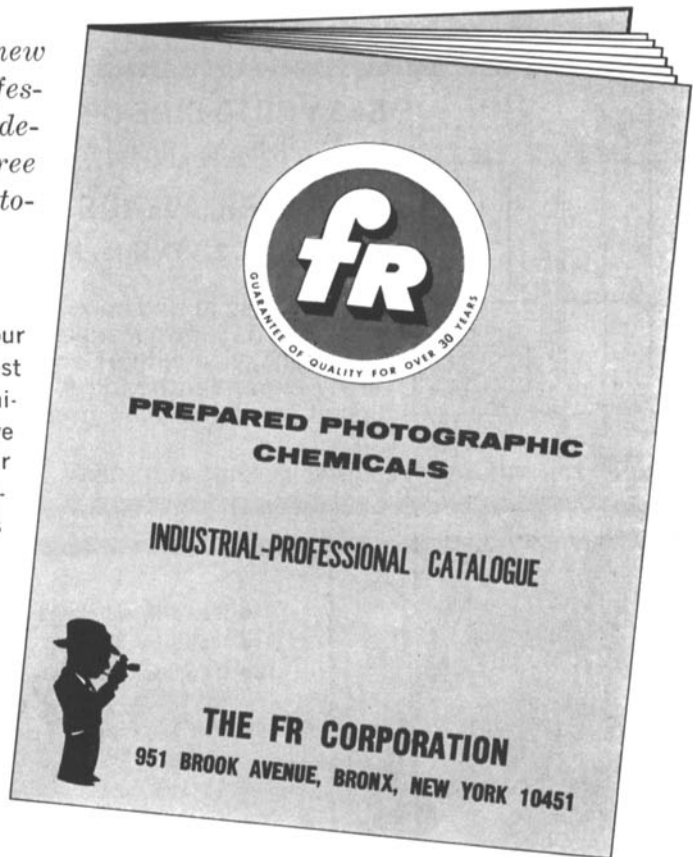
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the installation of sound and picture equipment in the Kremlin Hall of Conventions.

He is the author of more than 40 published works and holds many Author Certificates. He places special emphasis on the training of young scientists; from 1942 until 1944 he was a lecturer at LIKI (Leningrad Cinema Engineers' Institute) and from 1944 to the present at Moscow Electrical Institute.

Professor Komar performed the duties of Chairman of the Scientific Council of NIKFI. He is a member of the Technical Advisors of the State Committee for Cinematography of the Cabinet Council of USSR, a member of the Committee

AN USSR for Scientific Photography and Cinematography and a member of the editorial staff of the journal, *Tekhnika Kino i Televideniya*. For his part during World War II in developing new equipment for the Red Army, he was decorated with the Red Star and medals. For efficient work, he also received a commemoration medal, "800 Years of Moscow."

Professor Komar has visited the U.S.A. and Canada on different occasions and also is known to *Journal* readers through his article "Cinematography in the USSR" in the March 1964 *Journal*, which he presented earlier with many slides at the Toronto Convention.

## Education, Industry News



**Dr. Deane R. White** (left), Associate Director of Research for the Photo Products Dept., E. I. du Pont de Nemours & Co., Inc., Parlin, N. J. receiving the Centennial Medal Award of Columbia University's School of Engineering and Applied Science, presented by Dean John R. Dunning of Columbia.

The Photographic Society of America (PSA) presented its highest award, the 1964 Progress Medal, to Deane R. White at ceremonies concluding the PSA International Convention held in Montreal, during August. The citation stressed Dr. White's "... contributions to photography over many years as a physicist in both fundamental and applied research. . . ."

Dr. White's professional contributions to photography during his early work at E. I. du Pont de Nemours & Co. include the drying of processed films and the development of improved sensitometers, densitometers, and developing machines. Under his direction the Du Pont Research Laboratory has markedly increased its contributions to both fundamental and applied research including the development of Cronar polyester film base. The citation also noted Dr. White's leadership of a cultural exchange group mission to Russia in 1963. (This mission is described in the March 1964 issue of the *Journal*, pp. 177-196.)

The PSA Progress Award was originated in 1948 by the Oval Table Society and perpetuated by the PSA. Previous recipients include Edwin H. Land, Harold E. Edgerton, C. E. K. Mees, Henry R. Luce, and Melville Bell Grosvenor.

Dr. White is also recipient of the Centennial Medal Award of Columbia University's School of Engineering and Applied Science. Dr. White and six other photographic scientists were presented with the award at ceremonies held during the International Conference of the Society of Photographic Scientists and Engineers (SPSE) held in New York during April. The Centennial Medals, presented for the first time, commemorate the founding of the Columbia Engineering School in 1864.

The Society of Photographic Scientists and Engineers has announced that its 1964 Annual Symposium (*Journal*, p. 588, July, 1964) will be co-sponsored by the Photographic Management Division of the Bureau of Naval Weapons. The

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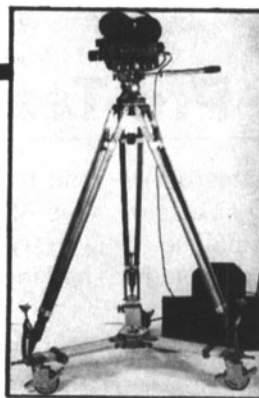
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