

PGMTT News



Among those attending the PGM TT Administrative Committee luncheon meeting, held on March 23 at the Essex House, New York, N. Y., were (clockwise): R. F. Schwartz, A. G. Clavier, H. F. Engelmann, Harvey Lance, Gus Shapiro, T. S. Saad, *Chairman*, A. A. Oliver, *Vice-Chairman*, H. Magnuski, George Sinclair, Saul Rosenthal, W. W. Mumford, Donald D. King, A. C. Beck, and S. B. Cohn.

Contributors

Robert E. Beam (S'37-A'41-SM'44-F'56), for a photograph and biography, please see page 335 of the July, 1958 issue of these TRANSACTIONS.



Robert W. Beatty (S'43-A'45-M'50-SM'53), for a photograph and biography please see p. 457 of the October, 1958 issue of these TRANSACTIONS.



Morris E. Brodwin (A'49-M'55), for a photograph and biography, please see page 242 of the April, 1958 issue of these TRANSACTIONS.

John Brown (SM'57) was born on July 17, 1923, in Auchterdewan, Scotland. He received the M.A. degree in mathematics and natural philosophy from the University of Edinburgh, Scotland, in 1944, and the Ph.D. degree from the University of London, Eng., in 1954.

From 1944 to 1951 he was on the staff of the Radar Research and Development Establishment, Malvern, and was mainly concerned with theoretical studies of microwave tubes. In 1951, he became a lecturer in electrical engineering at the Imperial College of Science and Technology and in 1955 moved to University College, London, where he is now reader in electrical engineering.

Dr. Brown is an Associate Member of the IEE, London, and at present serves on the Electronics and Communications Section Committee.

Glenn F. Engen was born in Battle Creek, Mich., on April 26, 1925. He received the B.A. degree in physics and mathematics

from Emmanuel Missionary College, Berrien Springs, Mich., in June, 1947. He has done graduate work at the Universities of Michigan, Maryland, and Colorado. After employment with the U. S. Naval Ordnance Laboratory and the Johns Hopkins University Applied Physics Laboratory, he joined the National Bureau of Standards in 1954. His present work is in the field of microwave power measurement techniques and standards.



GLENN F. ENGEN

Mr. Engen is a member of Commission I of the International Scientific Radio Union, and of the Boulder Branch of RESA.

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Georges Goudet (SM'50) was born in 1912, in Dijon, France. He received several scholarships at the Ecole Normale Supérieure. In 1936, he became an Agrégé (fellow) of physical science at the university. After serving as an artillery officer during the war, he completed his work for the Ph.D. degree in physics in 1942.

During 1943 and 1944, he worked on microwave tubes at Laboratoire Central de Télécommunications. He then became the head of the ultra-high-frequency laboratory of the French Posts, Telegraphs and Telephones Administration. In 1951, he joined the staff of Nancy University as a professor and director of the special school of electricity and mechanics. He has served as a consultant to Laboratoire Central de Télécommunications and in 1955 became the director of that laboratory. He is the author of numerous publications and of several books.

Dr. Goudet is a member of the Société Française de Physique, the Société des Radioélectriciens, and the Société Française des Électriciens.

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Jōji Hamasaki was born on October 25, 1931, in Kure City, Japan. He received the B.S. degree in 1953, the M.A. degree in 1955, and the Ph.D. degree in 1958, in electrical engineering, from the University of Tokyo.

He was engaged in research of microwave filters and power meters, and became an assistant professor of the University of Tokyo in 1958.

He is a member of the IEE of Japan and the Institute of Electrical Communication Engineers of Japan.

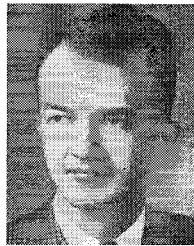
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Toshio Hosono was born on March 31, 1922, in Tokyo, Japan. He received the B.S. degree in electrical engineering in 1943 from Nihon University and the Doctor of Engineering degree in 1958 from the Uni-

versity of Tokyo. He joined the University of Tokyo, working on electromagnetic theory as a research fellow from 1944 to 1946 and a research assistant from 1946 to 1952. He has been an assistant professor in electrical engineering at Nihon University since 1953. He is secretary of the committee for electromagnetic fields arranged by Institute of Electrical Engineers in Japan and one of the standing

committee for microwave transmission arranged by the Institute of Electrical Communication Engineers of Japan.

T. HOSONO



R. C. JOHNSON

he has been employed at the Engineering Experiment Station of the Georgia Institute of Technology, working on meteor-scatter propagation, microwave components, and microwave antennas.

Mr. Johnson is a member of Tau Beta Pi and Sigma Pi Sigma.

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R. C. Johnson (M'56) was born in Eveleth, Minn., on May 9, 1930. He received the B.S. and M.S. degrees in physics in 1953 and 1958, respectively, from the Georgia Institute of Technology, Atlanta.

In 1953 he entered the U.S. Navy where he attended the Naval Electronic Material School and served as Electronics Officer aboard the U.S.S. *Moale* (DD693). Since 1956

he has been employed at the Engineering Experiment Station of the Georgia Institute of Technology, working on meteor-scatter propagation, microwave components, and microwave antennas.

Mr. Johnson is a member of Tau Beta Pi and Sigma Pi Sigma.

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Shishu Kohno was born on March 20, 1912, in Tokyo, Japan. He received the B.S. and Ph.D. degrees in engineering from the University of Tokyo in 1936 and 1954, respectively.

In 1936 he joined the Furukawa Electric Company, Ltd. and was assigned to its Yokohama Works. In 1946 he became chief of the 3rd Unit, engineering section, then assistant chief of the Communication Cable Section of the Engineering Division in 1949. In 1953 he was made chief of the Communication Cable Section, and then chief of the Research Section for the Transmission Line in 1955. In 1956 he became chief of the Research Division.

He is one of a standing committee of microwave transmission arranged by the Institute of Electrical Communication Engineers of Japan.

S. KOHNO



Kaneyuki Kurokawa was born on August 14, 1928, in Tokyo, Japan. He received the B.S. degree in electrical engineering in 1951 and the Ph.D. degree in 1958 from the University of Tokyo.

Since 1951, he has been engaged in research on microwave measurements, microwave theory, and mm-wave transmission lines. From 1955 to 1958, he also served as a chief engineer of the Radar group for the sounding rocket research conducted by the Institute of Industrial Science, University of Tokyo. At present, he is an assistant professor of the University of Tokyo.

Dr. Kurokawa is a member of the IEE of Japan and the Institute of Electrical Communication Engineers of Japan.

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Tsuneo Nakahara was born on August 29, 1930 in Naruto, Japan. He graduated in 1953 from the electrical engineering department of the University of Tokyo.

In 1953, he joined the microwave laboratory of Sumitomo Electrical Industries, Ltd., engaging in the research on microwave transmission lines and broadcast antennas.

Mr. Nakahara is a member of the Institute of Electrical Communication Engineers of Japan, and the IEE of Japan.

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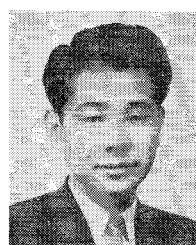
J. Q. Owen (M'55) was born in Glasgow, Scotland, on May 30, 1923. He served with the Royal Electrical and Mechanical Engineers from 1942-1947, working on radio and communication equipment. In 1951 he received the B.S. degree in electrical engineering from Glasgow University, Scotland.

Until 1955 he was engaged in research and development of microwave components and systems in the Microwave Division of EMI Electronics Limited, Feltham, England. From 1955-1957 he was employed by Westinghouse Electric Corp., Baltimore, Md. on the development of microwave antennas and components. He is at present engaged in research and the development of ferrite components with the Special Microwave Device Group of Raytheon Manufacturing Company, Waltham, Mass.

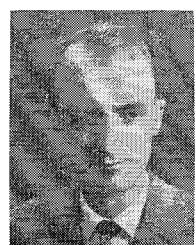
Mr. Owen is an associate member of the IEE.



K. KUROKAWA



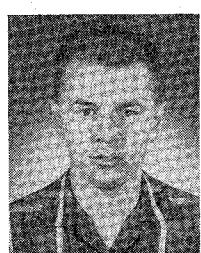
T. NAKAHARA



J. Q. OWEN

J. K. Pulfer was born in Gordon, Manitoba, Canada, on May 4, 1932. He attended the University of Manitoba, Fort Garry, Manitoba, Canada, where he received the B.S. degree in electrical engineering in 1953.

He worked as a summer student in the Radio and Electrical Engineering Division of the National Research Council of Canada during 1952 and 1953. After a year of post graduate work at the University of Manitoba he returned to NRC in 1954 where he has been engaged in work in defense problems.



J. K. PULFER

Dr. Severin is a member of the German Physical Society and the German Association of Electrical Engineers.

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Isao Someya (M'57) was born in Okayama, Japan, on March 23, 1915. He received the Ph.D. degree in electrical engineering from Tokyo University of Tokyo, Japan, in 1952.

During 1938-1941 he was employed by the Electro Technical Laboratory, working on research of television transmission on the coaxial cable. In 1942 he was engaged in the development of radar. Since 1945, he has been

with the Electrical Communication Laboratory of the Nippon Telegraph and Telephone Public Corporation, working in the field of development of VHF and microwave relay systems.

Dr. Someya is a member of the Institute of Electrical Communication Engineers of Japan.



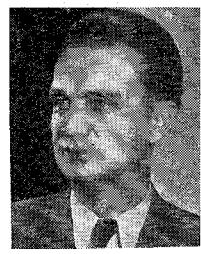
I. SOMEYA

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Hans Severin (SM'56) was born in Grafenwöhr, Germany, on May 6, 1920. He received the doctor rer. nat. degree from the University of Goettingen in 1943. Until 1957 he was a research physicist at the III. Physical Institute of the University of Goettingen and became a Privatdozent for physics in 1954. During two sabbatical years he was associated with the Research Laboratories of Swiss PTT

Administration at Bern, Switzerland, in 1951-1952 and with RCA Laboratories at Princeton, N. J., in 1955-1956.

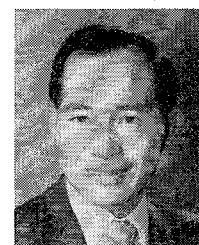
He has been engaged in physics of microwaves and their applications, especially in propagation problems. He has given papers on diffraction of electromagnetic waves in international conventions at Milan in 1952, at Montreal in 1953, and at Ann Arbor in 1955. He is now Assistant Director of Philips Laboratories at Hamburg and is teaching physics at the University of Hamburg.



H. SEVERIN

Physics at Stanford, where he was involved with microwave tube research from 1951 to 1953. He was an electronics research assistant at the Stanford Electronics Laboratories in 1954 and 1956. From 1954 to 1955, he was a research engineer with the Cascade Research Corporation, Los Gatos, Calif., engaging in the design of ferrite devices.

Since 1957, he has been Director of Research Analysis at the Cascade Research Corporation. His present duties include research in microwave ferrites, microwave tubes, and solid state physics.



R. F. SOOHOO

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Masao Sugi (A'56) was born on January 19, 1918 in Kashiwazaki, Japan. He graduated in 1940 from the electrical engineering department of Tokyo Imperial University.

In 1940, he joined the electrical laboratory of Sumitomo Electrical Industries, Ltd., engaging in the research on communication cables and high-frequency transmission lines. He is at present the chief of the weak current research section of the research division of the company.

Mr. Sugi is a member of the Institute of Electrical Communication Engineers of Japan, and the IEE of Japan.



M. SUGI

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Leo Young (M'54-SM'57), for a photograph and biography, please see page 186 of the January, 1959 issue of these TRANSACTIONS.

Ronald F. Soohoo was born in Canton, China, on September 1, 1928. He received the B.S. degree from the Massachusetts Institute of Technology, Cambridge, Mass., in 1948; the M.S. degree in 1952 and the Ph.D. degree in 1957, both from Stanford University, Stanford, Calif. His studies were in electrical engineering and physics.

From 1948 to 1951, he was engaged in the design and analysis of power systems while an assistant engineer for the Pacific Gas and Electric Company. He then became a research assistant at the Microwave Laboratory, W. W. Hansen Laboratories of