Contributors

Seymour B. Cohn (S'41 – A'44 – M'46 – SM'51–F'59) was born in Stanford, Conn., on October 21, 1920. He received the B.E. degree in electrical engineering from Yale University, New Haven, Conn., in 1942, the M.S. degree in communication engineering in 1946, and the Ph.D. degree in engineering sciences and applied physics in 1948, both from Harvard University, Cambridge, Mass.

From 1942 to 1945 he was employed as a Special Research Associate by the Radio Research Laboratory of Harvard University, and also represented that laboratory as a technical observer with the U. S. Air Force. He worked at Sperry Gyroscope Company, Great Neck, N. Y., from 1948 to 1953, where he held the position of Research Engineer in the Microwave Instruments and Components Department. From 1953 to 1960, he was with the Stanford Research Institute, Menlo Park, Calif., as Head of the Microwave Group and, since 1957, as Manager of the Electromagnetics Laboratory. In July 1960 he joined Rantec Corporation, Calabasas, Calif., as Vice President and Technical Director.

Dr. Cohn is a member of Tau Beta Pi and Sigma Xi. He is a member and exchairman of the G-MTT Administrative Committee, and was the recipient of the G-MTT 1964 Microwave Prize. He is also an associate editor of the *Microwave Journal*.

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John D. Dyson (S'49 – A'52 – M'58 – SM'63) received the B.S. degree in economics in 1940 and the B.S. degree in electrical engineering in 1949, both from South Dakota State University, Brookings, and the M.S. and the Ph.D. degrees in electrical engineering from the University of Illinois, Urbana, in 1950 and 1957, respectively.

He served with the U. S. Army from 1941 to 1946 terminating his service with the rank of Lieutenant Colonel. In 1949 he was a part-time instructor at South Dakota University, and from 1951 to 1952 he was on the Research Staff of the Sandia Corporation, Albuquerque, N. Mex. Since 1952 he has been on the faculty of the Electrical Engineering Department at the University of Illinois, where he is presently an Associate Professor, devoting half of his time to research in the Antenna Laboratory and half of his time to teaching courses in electromagnetic theory and in theory of microwave measurements.

Dr. Dyson is a member of Sigma Xi, Eta Kappa Nu, Sigma Tau and Pi Mu Epsilon.

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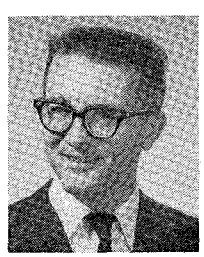

Roger L. Fjerstad (M'64) was born in Alexandria, Minn., on March 21, 1939. He received the B.S. degree in physics from the University of Minnesota, Minneapolis, in 1961.

Since 1963 he has been employed at Sylvania Electronic Systems, Western Operation, Mountain View, Calif., where he has been principally engaged in the design and development of electronically and mechanically tuned microwave devices.

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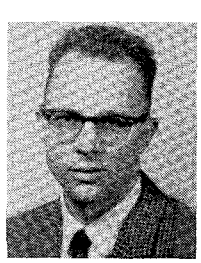

C. R. James (S'58–M'65) was born in Vancouver, Canada, on November 15, 1935. He received the B.A.Sc., M.A.Sc., and Ph.D. degrees at the University of British Columbia, Vancouver, in 1960, 1961, and 1964, respectively. His graduate work was on the study of electromagnetic wave propagation in inhomogeneous media and within nonuniform boundaries.

From 1964 to 1965 he held a National Research Council of Canada postdoctoral fellowship at Oxford, England, in theoretical physics and studied electromagnetic heating of plasmas. In 1965 he joined the Department of Electrical Engineering at the University of Alberta, Edmonton, Canada, as an Assistant Professor.

Dr. James is a member of the American Physical Society.

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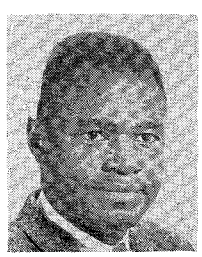


Kenneth C. Kelly (S'53 – A'54 – M'59) was born in New York, N. Y. on March 6, 1928. He received the B.E.E. degree from the Polytechnic Institute of Brooklyn, Brooklyn, N. Y. in 1953 and the M.S. degree in engineering from the University of California, Los Angeles, in 1963.

He was an Electronics Technician in the U. S. Navy from 1946 to 1949. From 1950 to 1953 he worked part-time on microwave instruments in various capacities at PRD Electronics, Brooklyn, N. Y. In 1953 he joined the technical staff of the Hughes Aircraft Company, Culver City, Calif. and was concerned with a wide variety of slot arrays and phase shifting techniques. In 1963 he left his position as Head of the Development Section of the Antenna Department at Hughes to join the Antenna Department at Rantec Corporation, Calabasas, Calif. He is presently Manager of the Antenna Department at Rantec where his current interests concern scanning arrays, multifrequency arrays, filters, and multimode horn feeds for large antennas.

Mr. Kelly is a member of Tau Beta Pi and Eta Kappa Nu.

Piet J. W. Severin was born in Amsterdam, The Netherlands, on May 7, 1933. He received the Drs. degree in 1960 from the Municipal University of Amsterdam, The Netherlands, and the Ph.D. degree in physics in 1964 from the University of Utrecht, The Netherlands.

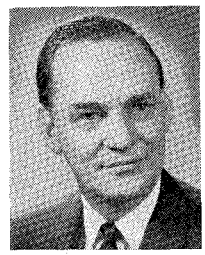
From 1958 to 1960 he worked at the Zeeman Laboratory, Amsterdam, on microwave spectroscopy. Since 1960 he has been with the Philips Research Laboratories, Eindhoven, The Netherlands, where he has been concerned with plasma physics, and in particular with glow discharges and microwave plasma diagnostics. At present he is spending a year at the Mullard Research Laboratories, Redhill, England, where he is working on solid-state physics.

Dr. Severin is a member of the Dutch Physical Society.

Aart G. van Nie was born in Zetten, The Netherlands, on March 11, 1927. He received the degree in electrical engineering in 1953 from the Technische Hogeschool of Delft, The Netherlands.

He joined the Philips Research Laboratories at Eindhoven, The Netherlands, in 1953. For the last five years he has been concerned with research on microwave techniques and components.

George B. Walker (S'49–A'50–M'59) was born in Thankerton, Scotland, on January 24, 1919. He received the M.A. degree in mathematics and natural philosophy from the University of Glasgow, Scotland, in 1940, and the Ph.D. degree from the University of London, England, in 1950.



From 1940 to 1946 he was a member of the research staff of the Mullard Radio Valve Company, Ltd., Mitcham, England. From 1947 to 1950 he held a Turner and Newall Fellowship at Imperial College, London. From 1950 to 1959 he lectured in electrical engineering at the Universities of Sheffield and London, England. In 1959 he became a Research Professor at the University of British Columbia, Vancouver, Canada. In 1964 he was appointed Professor and Head of the Electrical Engineering Department, University of Alberta, Edmonton, Canada. He has directed numerous projects in microwaves, particle accelerators and space research. He is a consultant for Atomic Energy of Canada, Ltd.

Dr. Walker is an associate member of the Institution of Electrical and Radio Engineers (England).