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RELEASE ON RECEIPT

Campbell L. Searle, a member of the research and teaching staff at the Massachusetts Institute of Technology since 1951, has been appointed the Clarence Joseph LeBel Professor of Electrical Engineering at M. I. T.

Announcement of the appointment was made by Dean Paul E. Gray of the M. I. T. School of Engineering.

The appointment to the chair is for the two year period 1971-73. Professor Searle succeeds Professor Amar G. Bose who has held the LeBel chair for the past two year term.

Professor Searle plans to continue his research in the general area of time-varying linear systems, with particular emphasis on processing and production of music signals. Present-day computer capability of signal analysis and synthesis, combined with present-day understanding of auditory physiology and psychoacoustics, provide important new insights into the whole process of music perception and instrument recognition. It is hoped that by exploiting these techniques, significant contributions will be made to research in acoustics and auditory recognition. Further, these same techniques have potential importance for construction of a new generation of hearing aids which would compensate for hearing losses other than just loss of sensitivity.

Clarence J. LeBel, the donor of the chair, received the S. B. and S. M. degrees in 1927 from M. I. T. as a graduate of the Department of Electrical Engineering's cooperative course. Following graduation he was employed successively for short periods by several companies until 1937 when he joined Audio Devices, Inc. In 1948 he was named Vice President of Audio Devices, Inc. and in 1949 President and Chief Engineer for Electroacoustic and Electronic Measuring Instruments of Audio Instrument Company, Inc. Mr. LeBel was a founder of the Audio Engineering Society and served as that Society's President in 1958.

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Professor Searle--2

Professor Searle received his B. S. degree in 1947 from Queen's University in Ontario, and his S. M. degree from M. I. T. in 1951. From 1951 to 1956 he was a staff member in the Research Laboratory of Electronics. He began his career in the electrical engineering faculty in 1956 as an instructor and was promoted to professor in 1968. He is one of the principal authors of the SEEC series on transistor circuits and measurements, and co-author of "Electronic Principles." He has an extensive background in the design of electronic systems and he did some of the pioneer work in the design of control systems for cesium atomic frequency standards.

Professor Searle lives at (75 Myles Standish Rd.) Weston, Mass.

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