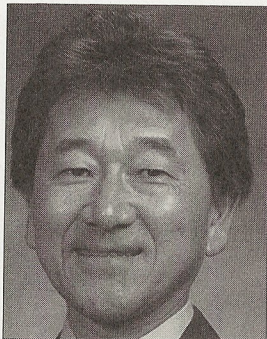


## 2002 Distinguished Service Award

### H. John Kuno



H. John Kuno

The Distinguished Service Award is presented to recognize an individual who has given outstanding service for the benefit and advancement of the Microwave Theory and Techniques Society. This year's recipient is Dr. H. John Kuno, whose citation reads "**For His Outstanding and Dedicated Service to the Society**".

**H. J. Kuno** (S'61 - M'63 - SM'75 - F'77) was born in Osaka, Japan. He received his BS, MS, and PhD degrees from the University of California, Los Angeles, California, in 1961, 1963, and 1966, respectively.

Dr. Kuno has served the MTT-S over a period of three decades, in numerous facets of the activity in which the society is engaged, including conference organization, publication and editing, administration, fiscal matters, technical matters, membership services, liaison with other parts of the IEEE, and services to the local chapters of the Society. He has served on the MTT Administrative Committee for four terms; has chaired the membership committee; provided leadership to an MTT technical committee, as well as to technical coordinating committee; served as editor of MTT newsletter; served on the steering committee of five different International Microwave Symposia and five different Microwave and Millimeter-wave Monolithic Circuits Symposia; has been the editor of two special issues of IEEE Trans. Microwave Theory and Techniques; has served on local chapter committees as well as at the international level as a delegate to the Popov Society; and more than a dozen types of service to the IMS. Another area of contribution has been vigorous recruitment of other volunteers for MTT Society activities on the west coast. He has recruited for the MTT Society not only a large number of volunteers but also many outstanding and dedicated workers who went on to become MTT Technical Committee chairs, local chapter chairs, special issue editors, IMS and other conference organizers, and numerous other office holders.

John's career as an engineer started as a computer circuit engineer at NCR, Electronics Division, Hawthorne, California, in 1961. He has developed various high-speed digital circuits, thin film memories, and optical character readers. In 1966 he became a microwave engineer when he joined RCA David Sarnoff Research Center, Princeton, New Jersey, where his research and development projects were on microwave propagation in solid state plasmas, and on solid state microwave devices and circuits that included Gunn, IMPATT, and MICs. From 1969 to 1993, he was with Hughes Aircraft Company, Torrance, California, where he held various management positions including department manager, product line manager, program manager, and assistant division manager. At Hughes Dr. Kuno was one of the principal members who developed the millimeter-wave technology, product line, and business, and later established the GaAs MMIC technology and foundry. In 1993, John Kuno, with co-founders, started QuinStar Technology in Torrance, California. The company, with its business in the design, development, and manufacturing of microwave and millimeter-wave products, multi-chip modules, and subsystems for communications and sensor systems, has steadily grown to be an established corporation.

Dr. Kuno has published or presented more than 100 papers in various technical journals, book chapters, and conferences. He holds several patents awarded on a wide range of topics such as digital circuits, high-speed memories, optical character readers, and microwave devices. He has organized and taught a number of short courses and seminars on microwave and millimeter-wave technology and applications. He was elected as a Fellow of the IEEE in 1977 for his contributions to the field of solid-state devices for generation and modulation of millimeter-wave signals.