

Microwave Pioneer Award

For theoretical and experimental work on the development of Schottky diode technology for scientific applications throughout the millimeter- and submillimeter-wave bands.



Robert J. Mattauch

Mattauch received EE degrees from Carnegie Tech and NCSU. He joined the UVA EE faculty in 1966 and founded the UVA Semiconductor Device Lab in 1967. With support and guidance of Dr. Sandy Weinreb and the help of over 100 graduate students he carried out research on millimeter wave and THZ receiver element, both semiconducting and superconducting, from 1969 through 1995. Devices from that lab were used in receivers at radio astronomy installations around the world and on the Upper Atmospheric Research Satellite of STS-48.

In 1995 Mattauch joined the Virginia Commonwealth University faculty, helped found its School of Engineering and served as its Dean.