

MICROWAVE APPLICATION AWARD

Erwin F. Belohoubek

For pioneering the concepts and practical implementations of internal matching of microwave transistors.

Erwin F. Belohoubek received a Diplom-Ingenieur degree in 1953 and a PhD in Electrical Engineering in 1955 from the Technical University in Vienna, Austria. From 1953 to 1955 he worked as a Research Assistant at the Institute for High-Frequency Techniques at the Technical University.

In 1956 he joined the RCA Tube Division in Harrison, New Jersey, as Research Engineer and, in 1957, transferred to the David Sarnoff Research Center, in Princeton, as a Member of Technical Staff, where he worked on the development of magnetrons, electrostatically and magnetically focused traveling-wave tubes, and a crossed-field microwave delay tube.

In 1969 Dr. Belohoubek was put in charge of a group working on microwave hybrid integrated circuits. Currently, as Head of Microwave Circuits Technology at the Microwave Technology Center, he is responsible for the development of passive and active MIC circuits, including high-power transistor amplifiers, multipliers, linear bipolar and FET amplifiers, active microwave filters, various solid-state radars, and other microwave subsystems. He received an Outstanding Performance Award from the RCA Electronic Components Division in 1963 and an RCA Laboratories Achievement Award in 1967.

Dr. Belohoubek holds eight patents and has written more than 25 papers in the areas of microwave techniques, traveling-wave tubes, and microwave integrated circuits. He is a Fellow of IEEE.

