

MICROWAVE CAREER AWARD

Werner J. Kleen

For contributions in developing modern microwave tubes and their theory and in introducing advanced microwave technology into the European space effort.

Dr. Werner J. Kleen studied Physics at the Universities of Hannover, Gottingen and Heidelberg (1931 Dr. phil. nat., 1936 Dr. habil). He worked until 1946 at Telefunken, Berlin; 1946–50 at CSF, Paris; 1950–52 at the Instituto Nacional de Electronica, Madrid; 1952–67 at Siemens AG, where he finished as Director of the Research Laboratory in Munich. During 1968–71, he was elected Director of the European Space Research and Technology Center (ESTEC) of Noordwijk, Netherlands of ESRO (now ESA). Dr. Kleen taught at University of Munich, University of Madrid, Technical University of Stockholm and Chalmers University of Goeteborg. He is author and coauthor of many publications and several books on classical and microwave electron tubes. Dr. Kleen has received many awards including the Plaque of Svenska Teknolog Foereningen; Gauss-Weber Medal of the University of Gottingen; Honorary Professor at the Technical University, Munich; Ring of Honour of the Verband Deutscher Elektrotechniker (VDE). He was elected Fellow of the IEEE in 1957.

