

## 1995 Distinguished Service Award

**Dr. Reinhard K. Knerr**

The Distinguished Service award is presented to honor an individual who has given outstanding service over a period of years for the benefit and advancement of MTT-S.

This year's honoree is **Dr. Reinhard H. Knerr**, AT&T Bell Laboratories. He has served MTT-S in a significant number of important positions over a period of many years.

The citation for the Distinguished Service Award reads: *"FOR HIS OUTSTANDING AND DEDICATED SERVICE TO THE SOCIETY."*

Dr. Reinhard H. Knerr received his Cand. Ing. degree in 1960 from Technical University of Aachen, Germany, Dipl. Ing. degree in 1962 from École Nationale Supérieure d'Hydraulique, d'Électronique de Toulouse, France, MSEE degree in 1964 from Lehigh University and Ph.D EE in 1968 from Lehigh University. His dissertation was on electro-magnetic propagation in nonreciprocal, gyrotropic materials.

Dr Knerr's honors include: 1961 - 62 German Government Scholarship to study in Toulouse, 1962 - 1963 Baldwin Scholar at Lehigh University, and 1964 NATO Scholar at Lehigh University studying plasma oscillations in thin silver films.

Dr. Knerr has been a Member of the Technical Staff of AT&T Bell Laboratories since 1968, where he has developed microwave ferrite devices, and solid state low noise and power amplifiers. He has held various management positions and has introduced microwave and lightwave products into manufacture in several AT&T factories in the U.S. and Europe. He is presently involved in the development of high reliability, lightwave components for submarine cable applications.

Dr. Knerr's MTT-S activities include: Fellow IEEE, MTT-S President 1986, MTT-S Transactions Editor, 1980-1982, Distinguished Microwave Lecturer, 1988-1989, Awards Chairman, 1992-1994, AdCom Member 1978-1986, Member of IEEE delegation to USSR,



1979, Co-Chairman of Technical Committee on MICs (MTT-6), 1976, Chairman of Technical Committee on MICs, 1977-1978, Member of Technical Committee on Microwave Ferrites (MTT-13), Assistant Chairman for MTT-S Technical Committees, 1978, MTT-S Guest Editor, 1978, Transactions Business Editor, 1979, Member of Editorial Board for Transactions on MTT since 1974, Member Publications Evaluation Committee, 1980-1982, Chairman, Publications Evaluation Committee, 1983, Representative and Founding Member of the Journal of Lightwave Technology, 1977-1978, Co-Representative to Lightwave Technology Council, 1983, Liaison Representative to New Jersey Coast, MTT/ED/QEA Chapter, 1983-1988, Liaison to Benelux MTT/AP Chapter, 1985-1994, Liaison to French MTT Chapter, 1989-1994, Representative to TAB 1986, Intersocietal Relations/Planning Activity Chairman, 1985, AdCom Advisory Committee Member, 1991-1992, Long Range Planning Committee Chairman, 1985, Past Presidents Council Chairman, 1993-1994.

His Accredited Standards Committees activities include: X3T9 - Management Committee for X3T9.2 (SCSI); X3T9.3 (Fibre Channel); X3T9.5 (Fiber Distributed Data Interface, FDDI); AT&T Voting Member (Principal) since 1985; X3T9.5 - FDDI; AT&T Principal Member since 1978, involved in the total evolution of the FDDI Standard; and X3T9.3 Fibre Channel; Alternate Voting Member since 1989.