

Session TU2G

(Plenary Session)

Speaker:

Roger J. Rusch
TRW



All symposium registrants, exhibitors and guests are invited to attend the Plenary Session of the 1995 IEEE MTT-S International Microwave Symposium on Tuesday, May 16, 1995, from 10:30 am until 12:00 noon. Welcoming remarks will be given by the ImS Steering Committee Chairman, the MTT Society President and the Technical Program Committee Chairman.

Mr. Roger J. Rusch of TRW, one of the creators of TRW's and Teleglobe's *Odyssey*TM satellite-based communications system, will be the keynote speaker. He will discuss the dramatic new space-based communications networks that are planned for personal communications by the turn of the century. Mr. Rusch has designed and developed numerous communications satellite systems over the past 30 years, including INTELSAT V, the first three-axis controlled communications satellite for INTELSAT. Currently, he is the Deputy Managing Director for the TRW *Odyssey* Services Organization, responsible for technical and regulatory aspects of the *xxxxxness*.

The presentation will relate how wireline and *wixxxx* communications have developed in parallel over the past *xxx* years. The discussion will emphasize recent development *xxxx* wireless microwave communications that have blossomed *xxxx* into the most rapidly growing segment of the dynamic *xxxx* com market. Satellites have an important role to play in *xxxx* tending mobile communications services into hard-to-*xxxx* regions where communications services are not *curxxxxx* available or are costly.

The architectures of several proposed systems will be described. Proposed satellite transmission systems, Earth*xxxxtions*, user terminals and personal telephones planned for *xxx* service will be reviewed. In addition to technical issues *xxx* talk will provide information on market trends, demand *arxxx* vestment requirements.

Following the keynote presentation, new IEEE Fellowship be recognized. The grade of fellow is conferred only by *inxxx* *tion* of the IEEE upon a person of *outstanding* and *extraordinary* qualifications and experience in designed fields has made important individual contributions to one or more of these fields.

10:30 a.m.-12:00 p.m., Tuesday, May 16, 1995
Convention Center, Hall A5