

Session TU2G

(Plenary Session)

Speaker:

Roger J. Rusch
TRW

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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 OdysseyTM 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 xxxxxxness.

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 plan 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, Earthxxxxtions, 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