

Abstracts

Satellite communications: services, systems & technologies

B.A. Pontano. "Satellite communications: services, systems & technologies." 1998 MTT-S International Microwave Symposium Digest 98.1 (1998 Vol. I [MWSYM]): 1-4.

Satellite communications is thriving in today's telecommunications market and will continue to interoperate with other transmission media to achieve the grand vision of a global information highway. Satellite systems will employ increasing levels of digital signal processing, in both the space and ground segments, to efficiently and cost-effectively provide the broad spectrum of services demanded by end users. Geostationary and non-geostationary satellite systems, using technologies such as bandwidth on demand, TDMA, onboard processing, switching and large multibeam antennas with hopping spot beams will work seamlessly with terrestrial systems to offer the very best in systems and services to consumers.

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