

Satellite & Space Communications
Technical Committee
Charter
April 2007

The Committee facilitates technical interchange in the field of satellite and space communications. It explores the evolution of new satellite and space-based systems and the application of new and emerging technologies, at all layers of the network protocol suite. The Committee maintains a keen interest in the development and maintenance of standards in this area and facilitates nomination of suitable candidates for IEEE awards, distinguished lecturer program, and IEEE Fellow elevation among its members.

Specific technologies of current interest include:

- Satellite Air interfaces.
- Advanced Modulation/Demodulation and On-board Signal Processing.
- Advanced and Active Antennas.
- Architectures, Protocols and Applications for Satellites.
- Satellite IP.
- Integration with Terrestrial and Wireless Networks.
- LEO/MEO/GEO and HAPs Communications.
- Deep Space Communications.
- Broadcasting and High-definition television (HDTV).
- Advanced Global Navigation Satellite Systems.
- Integration of Communication and Navigation Systems.
- Satellite Network Control and Management.