



Eros Feltrin

Eutelsat

Eros Feltrin received his Ph.D. degree in Electronics and Telecommunications from the *Università degli Studi di Padova*, Italy.

Dr Feltrin currently holds a manager position in Broadband Networks and Systems at Eutelsat. His areas of technical expertise include broadband mobile networks and services, Machine to Machine (M2M) and Internet of Things (IoT) as well as Eutelsat Quantum Class program - Ground Segment development.

He has been involved in the implementation of the first Ka band maritime service for Eutelsat as well as characterisation of new antennas and technologies for mobile services in Ka and Ku band (airplanes, maritime, land transportation) and implementation of techniques for the video delivery on board transports (Algorithm patented). Dr Feltrin is currently involved in the study of the adaptability of the most common IoT waveforms to the satellite (GEO, LEO and MEO).

He is also actively involved in the Beam hopping features based on DVB-S2x standard as well as algorithms of synchronization between ground segment and space-craft