



## Name & Organisation

*George Setakis , Hellas Sat*

## Presentation title

*Spectrum Sustainability, a Satellite Operator Approach*

## Abstract

*The delivery of reliable satellite communication services depends on the interference environment for both the Ground and Space Segments. The Satellite Operators need to deploy and operate systems capable of radio interference detection and characterization in real time conditions. The evolving challenges from the introduction of new technologies and services imply the need of redesign and adaptation of next generation spectrum monitoring systems.*

## Short bio

*George Setakis has obtained a Bachelor Degree in Electrical Engineering (1999) and a Master of Science in Signal Processing and Communications (2002). Since 2003 he was engaged in the design ,deployment and operations of end-to-end satellite communication systems for different type of services. Initially, as a Satellite Operations Center engineer with expertise on the payload subsystems. In 2004 he was also engaged in the design and installation of a spectrum monitoring system and from 2005 until 2013 he was in charge of the engineering of a satellite broadband network. From 2014 the main area of his expertise is the transmission planning and operations where currently is the Head of the department. George also has an extensive experience in various satellite communications technologies and he is actively participating in several research programs.*