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BUCHAREST
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Name & Organisation

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Presentation title

Romanian projects for monitoring Space Frequencies and Space Debris

Abstract

Monitoring of spectrum used in space applications as well as monitoring of space debris is becoming more and more a key topic for the utilization of space applications and infrastructures.
The launch of satellite mega-constellations, not always coordinated at international level, risks to become a multiplier for already existing threats, involving also security and sovereignty aspects. The management of these threats needs new approaches and new technologies to be addressed, and, more than that, important new investments possibly coordinated at multilateral level.
Romania is participating to this process with some initiatives: the Corvus satellite, an R&D project supported by the Romanian Minister of National Defense, aimed at monitoring frequency spectrum from space, and the Space Surveillance & Tracking Radar in Cheia, developed under the European and Romanian Space Agencies, aimed at refining orbital models for space debris. The presentation will describe the main aspects of these two interesting projects.

Short bio

Roberto Scagnoli, graduated in Rome in electronics and automation, joined Telespazio (a Leonardo / Thales Company) in 1992 for which started to work in the R&D division, and since then had the opportunity to take part in the fast-evolving arena of satellite technologies and services.
He has worked as a Sales Manager for Satellite Communication Services, serving important customers like Telco operators, Oil & Gas industry, Space Agencies and Defense and Security institutions.
In 2002 has been appointed CEO of RARTEL S.A, a Romanian Joint Venture between Telespazio and Societatea Națională Radiocomunicații S.A, which owns the Romanian National Satellite Earth Station in Cheia (Prahova) and supplies space-related services and systems to national and international users.
His experience and knowledge include Satellite Communications, In Orbit Services, Earth Observation, Ground Systems, Space Situational Awareness services and Navigation services, offered mainly to governmental and institutional customers.
He has been President of the Italian - Romanian Chamber of Commerce from 2013 to 2018.