



7th INTERNATIONAL SPACE RADIO MONITORING MEETING



1 - 3
SEPTEMBER 2026



BUCHAREST
ROMANIA



Name & Organisation

Federico Di Vruno – SKA Observatory

Presentation title

A review of measurements of unintentional electromagnetic radiation (UEMR) and satellite downlinks and their effects on radio astronomy

Abstract

In this presentation I will review the latest campaigns to detect satellite emissions and radiation using radio telescopes. We will discuss the pros and cons of using radio telescopes and the necessity to better monitor these to prevent significant interferences with radio astronomy.

Short bio

Federico Di Vruno is the Spectrum Manager at the SKA Observatory and the Co-Director of the IAU Centre for the Protection of the Dark and Quiet Sky from Satellite Constellation Interference. Before his involvement in Radio Astronomy, he worked in the space industry, specifically in electromagnetic compatibility and radio frequency interference in communication and scientific spacecraft.