



## Name & Organisation

Rico Behlke – Quadsat

## Presentation title

Drone-based Geolocation Solution to Detect and Locate Sources of Interference

## Abstract

The finite resource of spectrum is challenged by the increasing need for bandwidth. Both technological and regulatory advances can provide new approaches. However, the introduction of software-defined spacecraft and ground infrastructure in combination with antennas on the move complicate problem solving by establishing a more dynamic framework. Spectrum monitoring plays a crucial role in this context. Quadsat has launched a new product featuring geolocation of RF signals to a precise location. It resembles a complementary feature to existing fixed or spaceborne geolocation solutions.

## Short bio

Rico Behlke is Head of Global Business Development: Teleports at Quadsat, leading the sales and business development effort focused on teleport customers. An experienced space physicist and space sustainability enthusiast, prior to joining Quadsat, Rico was involved in research projects focusing on communication and navigation at high altitudes and has held previous roles at KSAT (Kongsberg Satellite Services) in Operations and Customer Success Management.