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Name & Organisation

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Presentation title

Jamming & Spoofing Detection and Alert Systems for GNSS & PNT

Abstract

On the one hand Europe is working on a massive increase in usage of GNSS and PNT in Europe, including new space segments. For Governments, Industry, logistics, MNO, Smart Cities till the normal citizen. But at same time the number and quality of jamming & spoofing attacks on this signals is drastically increasing. Not only the military grade (mainly in east Europe), but also on every highway and urban areas. A well established, multi source based Jamming/Spoofing Alert and a PNT QoSS is essential for the success and usability of the future GNSS and PNT systems. The presentation shows what OHB is doing in this field to combine ground and space sensors and multiple sources of opportunity to make such alert and action system possible.

Short bio

Stephan studies Aerospace technology at TU Berlin and was teaching in the field of satellite technology multiple years in Berlin and Norway, before he switched to mid-cap space industry. 2018 he switched to LSI industry and is working for the OHB Group and finally joined 2023 the OHB Group HQ in Bremen as BD Manager for Satellite Communication & Navigation. In this position he contributes to the OHB group strategies in this fields, which includes Galileo, LEO PNT/CELESTE, NavWar and mobility connectivity as well as applications for institutional, commercial and defense customers.