

Techtime Meeting  
GNSS Interferences & Security Threats

18. March 2024  
Switzerland Innovation Park Biel/Bienne

# GNSS Interferences and Security Threats

This exclusive Techttime meeting is dedicated to exploring the challenges of GNSS interferences and security threats amidst a changing security landscape. In an era where GNSS systems play a crucial role in numerous fields, understanding potential disruptions and security risks has become more critical than ever, especially in light of current conflicts and geopolitical tensions.

The GNSS Techttime meeting provides a unique opportunity to engage with GNSS experts from our partner OHB Digital Solutions and like-minded individuals to collectively devise solutions for managing GNSS interferences and security threats.

The major activities of OHB Digital Solutions GmbH comprise the field of GNSS quality assurance and GNSS signal simulation, in particular precise positioning, reliable navigation, and applications in the satellite downstream market.

At this special Techttime meeting day in Biel/Bienne, we will also present the latest product innovations and discuss requirements and solutions which are needed for a successful operation of systems depending on GNSS and to ensure resilience against spoofing and jamming.

## Program for Monday 18th March 2024

1000h: Welcome & Introduction by Stefan Junker (YOTAVIS)

1015h: **GNSS Introduction** by Sacha Bartl (OHB)

Introduction to GNSS – how does it work?

Vulnerabilities and interferences - which types of interferences exist, how are they produced and how can they be detected?

1115h: **Practical demonstration**

GNSS signal simulation with XPLORE

Simulation of interferences

1230h: Lunch & **Networking**

1330h: Detection of **interferences / security threats**

Theoretic introduction: How to detect GNSS interferences?

Security threats

Practical demonstration with GIDAS portable

1530h: Wrap-Up, followed by open SCCC lab tour

# Venue

Switzerland Innovation  
Park Biel/Bienne AG  
Aarbergstrasse 46  
2503 Biel/Bienne

[www.yotavis.com](http://www.yotavis.com)

Phone (in case of any help):  
+41 31 312 48 48

## Registration

Participation in the GNSS Techttime meeting is free, but seats are limited.  
For the registration, please complete the form on our [website](#) or send an email to [info@yotavis.com](mailto:info@yotavis.com).  
Reservation is granted on a first-come-first-served rule.

## General Information

### Presenters

#### **Sascha Bartl, CTO OHB Digital Solutions**

Sascha is responsible for research and development activities within OHB Digital Solutions. His research focuses on GNSS signal processing for quality assurance and simulation purposes. Sascha has experience in national and international research projects, consulting activities for international customers as well as product development provides him with a strong expertise in the field.

#### **Kurt Stamminger, (Marketing and Business Development Management)**

Kurt has joined OHB Digital Solutions by September 2022. He is managing the distribution partners and is responsible for marketing and sales activities.

## OHB Digital Solutions

The major activities of OHB Digital Solutions GmbH comprise the field of GNSS quality assurance and GNSS signal simulation, in particular precise positioning, reliable navigation, and applications in the satellite downstream market. Their GIDAS monitoring system is in operation at various airports and their simulation solutions are used in the military and industrial environment to test and improve the quality and stability of various products.

## YOTAVIS AG

YOTAVIS is the Swiss representative of the OHB GNSS solutions. YOTAVIS is a professional partner for solutions around quality assurance of all communication networks and control of systems and components!

„ If you want to manage it, you have to measure it !“

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