

# Wireless Communications Seminar Tour Europe 2023

# INVITATION

MAY 2023

**ROHDE & SCHWARZ**

Make ideas real



## 5G / 5G ADVANCED AND BEYOND

We are happy to invite you to our free half day seminar, '5G / 5G Advanced and beyond' in Finland and Sweden, May 23-26, 2023.

### Topics:

#### 5G NR evolution, 5G advanced

- Selected 5G Rel17 and Rel. 18 aspects, e.g. NTN and RedCap
- Performance measurements in commercially deployed networks including 5G NR in the context of industrial applications.

#### On the verge to 6G

- Overview of relevant 6G research topics
- Status on sub-THz (wide bandwidth), joint communication and sensing (JCAS), reconfigurable intelligent surfaces (RIS) and the potential of AI/ML

5G NR has successfully accomplished the first steps in deployment. Networks are in place and devices are launched into the market. The major services eMBB, mMTC and URLLC as well as 5G NR with its flexible radio interface and new infrastructure concepts are in operation. As every generation in wireless communications, innovative new ideas foster the technology evolution. 5G will enhance existing methodologies and operations and also targets at new applications and services.

5G is learning to drive (V2X), to fly (NTN), to navigate (positioning) or follows the trend of saving energy (power saving aspects). Just as a short summary of upcoming technology enhancements that we plan to present in the upcoming seminar.

23-26 May  
Finland &  
Sweden

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- ▶ [Registration](#)

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Beside the technology evolution of 5G, the next wireless generation 6G appears on the horizon and our second objective is to present some of the technology aspects that are keeping researchers busy in those days.

Rohde & Schwarz is proud to accompany the path towards 6G with its expertise in test and measurement and we present T&M challenges like performance measurements in the context of industrial applications, signal analysis and generation in higher frequency ranges beyond FR2, Over-the-air testing but also UE testing using one-box-tester.

## FINLAND

### Oulu

Date: May 23, 2023

Time: 08.30-13:00

Venue: Elektroniikkatie 3, Oulu  
(Technopolis) / Auditorium

### Espoo

Date: May 24, 2023

Time: 08.30-13:00

Venue: Vaisalantie 6, Espoo  
(Innopoli) / room 'Maslov'

## SWEDEN

### Stockholm

Date: May 25, 2023

Time: 08.30-13:00

Venue: Coor Konferens, Kista  
Science Tower, Färögatan 33,  
Kista

### Lund

Date: May 26, 2023

Time: 08.30-13:00

Venue: Bricks Lund, Mobilvägen  
12, Lund

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