



Aerospace and Defense

INVITATION

March 21, 2023

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AEROSPACE & DEFENSE TECHNOLOGY DAY

Rohde&Schwarz Israel is pleased to announce of our first educational event – AEROSPACE & DEFENSE TECHNOLOGY DAY.

March 21, 2023, from 09:00 to 16:00

Rohde & Schwarz Israel

WOPA building - 4 Ha-Sheizaf Street, 16th floor, Ra'anana

Rohde & Schwarz provides market leading test and measurement solutions for radar, electronic warfare, satellite, navigation, communications & radio monitoring systems.

With excellence in test and measurement and decades of industry experience, we provide the means for our customers to push the limits of technological progress

The agenda includes technological advancements and live interaction with our experts from Rohde&Schwarz . Take this opportunity to improve your engineering knowledge and learn more about test and measurement solutions at the edge of rapid technological progress.

Discover and learn more about:

- **EW Validation in Modern Spectral Environment**
- **Modern Methods for Phase Noise Test and Pulse to Pulse Phase Stability Measurement**
- **Accurate and convenient performance characterization of Radar sub-assemblies**
- **Validation of Radar Systems**

We hope to see you there,

Your Rohde&Schwarz Team and Partners

March 21, 2023
R&S Office

Israel

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Time	Agenda
08:30 – 09:00	Welcome and registration
09:00 – 09:15	Introduction Heinz Westenberger, Sales director & Alex Genayzer, Sales Manager Test and Measurement, Rohde & Schwarz Israel
09:15 – 10:45	EW Validation in Modern Spectral Environment Leander Humbert, Technology Manager Radar and EW, Rohde & Schwarz International GmbH <ul style="list-style-type: none">Challenges in Electro Magnetic Spectrum Operations (EMSO)Simulation of complex signals in high density spectral environmentsAccurate and easy to setup angle of arrival simulationValidation of electronic counter measures (ECM)
10:45 – 11:00	Coffee Break
11:00 – 12:00	Modern Methods for Phase Noise Test and Pulse to Pulse Phase Stability Measurement Dr. Wolfgang Wendler, Product Manager Spectrum & Signal Analyzers, Rohde & Schwarz GmbH & Co. KG <ul style="list-style-type: none">Direct Down-Conversion Phase Noise Analysis with Cross-CorrelationResidual phase noise and Pulse-to-Pulse Stability Measurement of GaN PAImpact of modulated signals on phase noise testingAnalysis of agile transmitter waveforms
12:00 – 13:00	Lunch Break
13:00 – 14:00	Accurate and convenient performance characterization of Radar sub-assemblies Jamie Lunn, Product Manager Vector Network Analyzers, Rohde & Schwarz UK <ul style="list-style-type: none">Pulsed Measurement of a receiver chain using VNAsCold Source Noise Figure Measurements on low noise receivers
14:00 – 14:15	Coffee Break
14:15 – 15:00	Validation of Radar Systems Leander Humbert, Technology Manager Radar and EW, Rohde & Schwarz International GmbH <ul style="list-style-type: none">Radar Target Simulation using General Purpose InstrumentsConformance Testing
15:00 – 15:15	Wrap-up
15:15 – 16:00	Hands-on & discussion

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Speakers

Biography



Dr. Wolfgang Wendler,
Product Manager,
Spectrum & Signal Analyzers,
Rohde & Schwarz

Dr. Wolfgang Wendler studied physics at the University of Bayreuth and did his PhD thesis in 1996 on nuclear magnetic properties of platinum and aluminum. After his PhD studies he worked as development engineer for wireless communication applications at Temic Semiconductor GmbH in Heilbronn and as process engineer at Loewe Opta GmbH. He joined Rohde & Schwarz in 2004 as a product manager for signal and spectrum analyzers with the focus on high-end measurement applications. Besides defining analysis tools for digitally modulated signals for wireless applications like WLAN, he focused on measurement tools for highly accurate phase noise, noise figure or pulse measurements. As an expert for advanced aerospace and defense applications of spectrum analyzers, he influenced the development of new product features and application software of modern high-end phase noise testers or signal and spectrum analyzers



Leander Humbert,
Technology Manager,
Radar and EW,
Rohde & Schwarz

Leander Humbert is a technology manager for radar and electronic warfare related measurement applications at Rohde & Schwarz. Humbert earned his Diplom-Ingenieur degree focusing in Communications from the Helmut-Schmidt-University in Hamburg.

He has 20 years of professional experience in designing radar and electronic warfare systems from different perspectives of the ecosystem. Starting as an EW Officer in the German Air Force as and Systems Engineer and later as a consultant for scientific and operational studies regarding sensors for air and missile defense systems



Jamie Lunn,
Product Manager,
Vector Network Analyzers,
Rohde & Schwarz

Jamie Lunn is product manager responsible for Vector Network Analyzers at Rohde & Schwarz, based within the UK but with responsibilities for application support that cover the wider European Market. He has Over 25 years' experience in the RF & Microwave market, firstly working as microwave engineer on satellite payloads at Airbus Space and Defence and then as a mobile platform developer at Ericsson Mobile Communications. He joined Rohde & Schwarz in 2003 focusing on developing the network analyser market in the UK and Ireland and working directly with the development teams to improve and develop our products to better meet the needs of our global customer base

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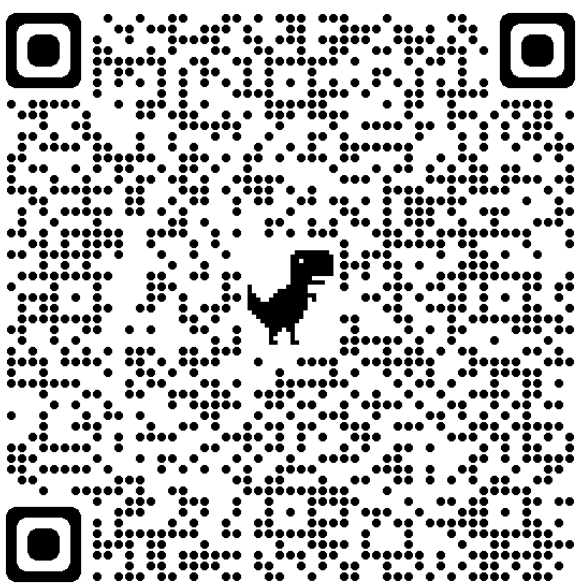
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