Testing for coexistence in crowded and contested RF environments

In this session we will discuss some of the key research, development, test & evaluation challenges encountered when developing and deploying RADAR & EW systems that need to function in congested and/or contested RF environments. Topics include an overview of the issues facing coexistence, such as a contested and congested spectrum, spectral sensing and sharing, and dynamic spectrum allocation. We will highlight some real-world examples of coexistence challenges such as 5G and satellite transmissions at C-band frequencies, and aircraft RADAR altimeters and GPS interference with co-located satellite-based communication. This session will conclude with an overview of the characteristics and architectures of test systems that are used to create realistic RF environments to test systems under real-world operational conditions in a controlled laboratory environment.

In this webinar, you will learn how to/ more about:

- Coexistence testing
- Contested & congested RF Environement
- Spectral sensing

Speakers:

Tim Fountain, Market Segment Manager Radar / EW, Rohde & Schwarz

Tim Fountain is the Global Market Segment Manager at Rohde & Schwarz, where he is responsible for the RADAR & Electronic Warfare segment. Tim has over 30 years of experience with market leaders in the Test & Measurement industry, focusing on RF and microwave applications in Aerospace & Defense.
He started his professional life as an application engineer and has also held roles in R&D, corporate management, product planning, product marketing and business development.
Tim holds a Masters Degree in Electrical and Electronic engineering from University of Hertfordshire in the UK. He is also certified as a chartered professional engineer in Europe. In his spare time Tim likes to fly, and is an instrument rated private pilot.

Beginn:
Tuesday, March 28, 2023, 2:00 PM Uhr
Ende:
Tuesday, March 28, 2023, 3:00 PM Uhr
Veranstaltungsort:
Online
Website & Anmeldung:
https://event.on24.com/eventRegistration/EventLobbyServlet?target=reg20.jsp&eventid=4126350&sessionid=1&key=5F1B465EB49CB137C10F1461AB6A6758&groupId=4548865&partnerref=mid_14847_hq_inv_&sourcepage=register