Unlocking 6G Potential: Exploring the 6G R&D Testbed and Its Variants and Applications

Abstract

New spectrum at much higher frequencies is being explored for the next generation of wireless communication technologies. This workshop highlights Keysight's R&D testbed for 6G research in the mmwave and sub-terahertz frequency bands.We will delve into test system architecture considerations, variations tailored to different research areas, and application examples. These include extreme data rate OTA transmission, channel sounding, and real-time receiver prototyping.

Speakers

Jan Sjögren holds a Master of Science degree in Electrical Engineering from the KTH Royal Institute of Technology in Stockholm. As a Solution Architect at Keysight Technologies, he specializes in developing test solutions for wireless applications.
With over 25 years of experience in the industry, Jan has an extensive background with Keysight, Agilent, and HP. His career spans the evolution of cellular and wireless communications, from 2G through to 5G, and now focusing on 6G technologies.

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