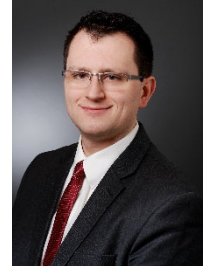


Invitation to a Technical Teleconference

Dr.-Ing. Alexander Küllmer

**Applikationsingenieur Oszilloskope
Rohde & Schwarz Vertriebs GmbH**



“ How to choose the measurement setup? ”

Electronic devices need to be qualified in certain areas of interest. On the one side, high data transmission rates are required either cable bound or on wireless interfaces like PCIe, USB or WLAN and on the other side EMI requirements of the complete system have to be fulfilled too. Signal, Power Integrity and EMC behavior has to be verified and validated, so the major questions today are: How much bandwidth do my measurement instruments need? How to avoid influences of my measurement equipment to my measured signals? What's the basic operation principle and construction of measurement equipment like spectrum analyzer, EMI receiver, oscilloscope and vector network analyzer? And when shall I use which measurement instrument?

08.10.2020, 17:00 Uhr

**Zoom: <https://ovgu.zoom.us/j/92003900283>
Meeting-ID: 920 0390 0283 Passwort: 008922**

The slides will be provided on demand after the meeting:

<http://sites.ieee.org/germany-emc/contact-us/>

Informations about the speaker:

Alexander Küllmer received his diploma degree in electrical engineering in 2009 at University Stuttgart. In 2016 he received the degree of Dr.-Ing. at Technical University of Braunschweig for his thesis on „Calibration of Magnetic Loop Antennas Using Contactless Vectorial Network Analysis Methods“. Today he is working as field application engineer for digital test solutions at Rohde and Schwarz and covers the topics Power Integrity, Signal Integrity and EMC debugging of digital designs like e.g. PCIe and DDR.

Organisation:

Dr.-Ing. Miroslav Kotzev, Rosenberger Hochfrequenztechnik GmbH
IEEE German EMC Chapter - Coordinator Technical Teleconferences