EMC Professional Talk

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Research Fellow

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Traceable Measurement of Passive Intermodulation with Uncertainty Budget

This talk provides an overview of the speaker's past and current research which includes a description of the scalar and vectorial measurement of passive intermodulation with calculating the measurement uncertainty budget. Additionally, the PIM performance of RF absorbers that are used in radiative PIM testing chambers are to be discussed.

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Zoom:	https://ovgu.zoom.us/j/65212681357?pwd=T085Q3k5MUtUL01yaDhXNXkybkIzUT09
Meeting-ID:	**652 1268 1357**
passcode:	**751648**

About the speaker:

Ahmed Sayegh received his Master's degree and Ph.D. Degree in Electrical Engineering from UTHM University, Malaysia in 2012 and 2017 respectively. During this time, he was a research associate at UTHM Center for Applied Electromagnetics, dealing with the design and development of measurement systems to characterize the electrical properties of di-electrical materials. Since 2020 he has been working at the Physikalisch-Technische Bundesanstalt (PTB) as a research assistant in a project to develop a traceable measurement of vectorial passive intermodulation. His research interests include passive intermodulation, electromagnetic interference, and antennas.

Organization:

Dr.-Ing. Miroslav Kotzev, Ericsson Antenna Technology Germany
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