



EMC Professional Talk

Dr. Diethard E. A. Hansen

**EURO EMC SERVICE (EES) Dr. Hansen Consulting
Berikon AG (near Zurich), Switzerland**

40+Years in EMC and related Areas

- Lessons Learned! -



Lots of progress has been made away from the early image "EMC=back magic". Global EMC today is ever more important but also somehow tricky in several ways. There is, however, still, and in various areas, an unfortunate lag of committing to more applied research. Consequently, costly imperfections and legal issues continue to arise from e.g. some (CE) standards/test procedures. Why is corporate EMC management so different in SMEs and large Corporations? Join a time-witness journey through Electromagnetics, starting with NEMP to EMC and related areas. Professional activities: Employee/Entrepreneur, various Industries, Researcher and Free-Lance Consultant. Satisfaction and risks in founding R&D- Labs, running/auditing Test-Labs and Product Certification Bodies. Advising/organizing, performing international technology transfer (GTEM) and experiencing "real world" in international standardization will be briefly discussed.

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

14.05.2024, 4:00 p.m. (UTC+2)

About the speaker:

Diethard Hansen studied electrical engineering in Germany: Univ. of applied Sciences -Esslingen/N Dipl.-Ing (FH) 1975, TU-Berlin Dipl.-Ing. (TU) in 1978 and received his Dr.-Ing. (Ph. D) in EE. 1984 (TU-B, gas discharge physics, HMI Berlin). This included R&D stays in North America. Dr. Hansen has 40+ years of professional experience in research, industry, management, as an entrepreneur, consulting <https://www.euro-emc-service.com> and as an EU laboratory auditor, as well as iNARTE-Certified EMC/PS Eng., USA. Area of expertise: Almost all areas of electromagnetic compatibility/EM interference phenomena/ protection in modern electronics. This includes commercial, military devices/systems and large installations. He is the author of 160+ international specialist papers and is named in 50+ patents. Dr. Hansen acted as QM and technical auditor for 400+ testing laboratories/product certification bodies worldwide, e.g. EU-EMC-D, RTTE/RED, Automotive EMC, USA-EU MRA, Mil-Std, EMP. He has been active in international EM standardization/regulations for over 30 years. In 2020 he became an IEEE Life Member, previously a Senior Member IEEE EMC-S in 2001. Dr. Hansen advises clients based on proven practical experience, theory, and the latest scientific knowledge.

Organization:

Dr.-Ing. Miroslav Kotzev, Rohde & Schwarz GmbH & Co. KG
IEEE German EMC Chapter - Coordinator Technical Teleconferences