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Treffen Sie Kollegen/-innen und bringen Sie sich auf den aktuellsten Stand von Technik und Forschung!

Dr. Mathias Magdowski

Scientific co-worker, Otto-von-Guericke University, Magdeburg, Germany

Well Stirred is Half Measured – EMC Tests in Reverberation Chambers

Date: 20th Jun. 2024
Time: 16:00 -17:00 (UTC+2, CEST)
Location: [Wissenschaftliche Kommunikationszentrum](#)
(**Wikom**, Room 0053/54, inside building I)
Denickestraße 22, 21073 Hamburg, Germany

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Hints: Online participation is possible upon request. Please **sign up in advance** (E-mail: cheng.yang@tuhh.de)



IEEE GEMC Event



EMC DL Talk by Dr. Mathias Magdowski

Well Stirred is Half Measured – EMC Tests in Reverberation Chambers

Abstract: This talk explains basic properties of reverberation chambers and presents some exemplary practical chambers with their parameters. The normative chamber validation as well as emission measurements and immunity tests are briefly explained. Finally, advantages and disadvantages in comparison with other EMC test environments are discussed.

Biography: **Mathias Magdowski** received his Dipl.-Ing. and Dr.-Ing. Degree in electrical engineering from the Otto-von-Guericke University, Magdeburg, Germany in 2008 and 2012, respectively, where he is currently working as a scientific co-worker at the Institute for Medical Engineering. His current research interests include analytical and statistical methods for modeling EMC problems, especially the field-to-wire coupling of statistic fields in mode-stirred chambers. He is a member of the corporate research group 767.3-767.4 within the German Commission for Electrical, Electronic & Information Technologies and serves as the co-convenor of the Joint Working Group on Reverberation Chambers within the IEC and CISPR. Mathias Magdowski also volunteers as a marketing and member services coordinator within the IEEE German EMC Chapter and in the IEEE Student Branch in Magdeburg.