

MARATHON EMC 2021

Binational Edition

Part 2: Poland - Austria, 14th April 2021

MARATHON EMC2021 Binational Edition is continuation of the series of on-line courses initiated by the IEEE EMC-S PL Board of the Electromagnetic Compatibility Society Polish Chapter of the IEEE (USA)

Main theme: All about ESD immunity testing

AGENDA

Topic I	Multiple topics in system level ESD
Date	14th April 2021, 9:30 - 11:00
Description	From testing to simulation and in near field techniques, from classical near field scanning to methods based on transformations
Speaker	David Pommerenke University of Graz
Topic II	Introduction to ESD gun verification
Date	14th April 2021, 11:15 - 11:30
Description	An example of the implementation of practical automation of ESD generator verification using a self-written program in the LabVIEW environment.
Speaker	Krzysztof Sieczkarek, Adam Maćkowiak, Centre for Radio Technologies and Electromagnetic Compatibility, Łukasiewicz Research Network - Institute of Logistics and Warehousing
Topic III	On estimating of measurement uncertainty and creating an uncertainty budget in ESD immunity testing
Date	14th April 2021, 11:30 - 12:15
Description	Detailed uncertainty analysis. Theoretical and practical introduction, implementation with the help of a spreadsheet.
Speaker	Jan Sroka Warsaw University of Technology

Topic IV	Live presentation of ESD immunity testing
Date	14th April 2021, 12:30 - 13:15
Description	How to prevent common mistakes. Interpretation of test standards. During the presentation the methodology of testing with the use of a real ESD generator will be shown on the stand test set-up for immunity testing at the Center for Radio Technologies and Electromagnetic Compatibility Ł-ILiM Poznań, Poland.
Speaker	Grzegorz Modrykamień, EMC-FORTO Krzysztof Sieczkarek, Centre for Radio Technologies and Electromagnetic Compatibility, Łukasiewicz Research Network - Institute of Logistics and Warehousing
Moderator	Krzysztof Sieczkarek Łukasiewicz Research Network - Institute of Logistics and Warehousing Chairman of IEEE EMC-S PL

Event organized by IEEE EMC-S PL in co-operation with IEEE EMC-S AT

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