

Industry-Academic Forum on EMC 2023

“TUHH Students Present”

Meet and Greet the Next Generation of SI/PI Engineers (Day 2, 11:00 – 12:00)

Near-field Prediction of Coils for Wireless Power Transfer using Gaussian Process Regression

Malte Thode

Presenting the topic of his bachelor thesis
Received the **2022 Best-Bachelor-Thesis-of-the-Year Award**
from the IEEE Germany Section EMC Society Chapter

Bayesian Optimization of Equalizers for High-Speed Links

Lennart Bohl

Presenting the topic of his master thesis

Influence of Interference on Orbital Angular Momentum (OAM) Communication

Marco Gehm

Presenting the topic of his bachelor thesis

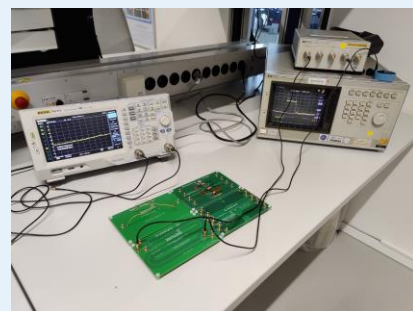
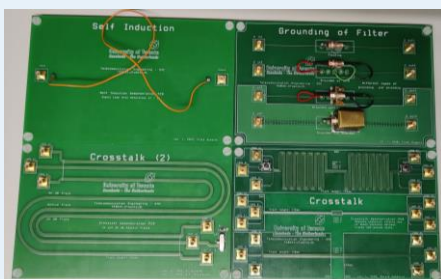
Presentation of Experiments from the PCB demo kit devised by researchers at the University of Twente as part of the lecture Electromagnetic Compatibility II at TUHH

Mutual Inductance and Capacitance Effects Underlying Crosstalk

Niklas Frewer and Omar Jabi

Common Layout Issues with Profound Effects on Crosstalk

Felix Scheikowski and Hanne Binkau



Effects of Self Induction of a conductor loop

Jonas Hasmann and Sarah Klaas

Influence of Filter Grounding on Performance

Hendrik Saß