



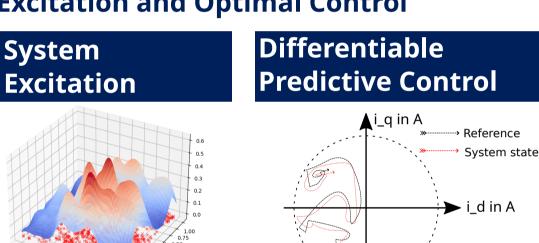
DEPARTMENT OF POWER ELECTRONICS AND ELECTRICAL DRIVES

MASTER PROJECT GROUP PRE-MEETING WINTER TERM 2024/2025, ROOM IW0.632 2024-10-11, FRIDAY, 1 P.M.

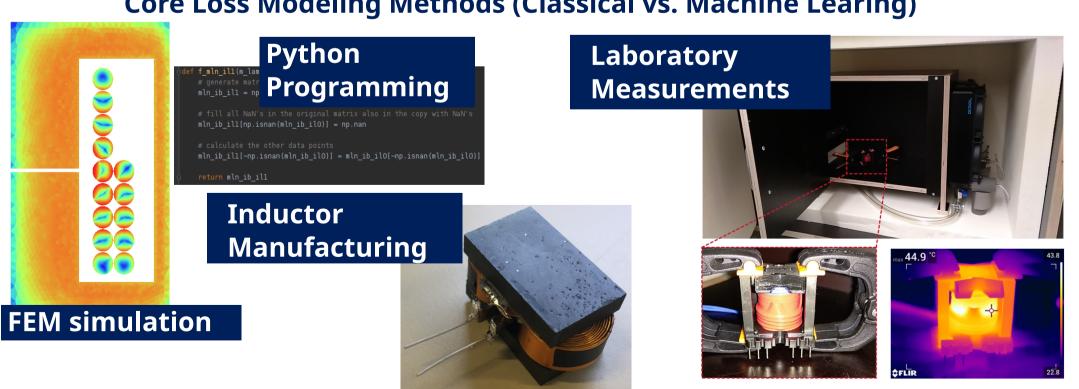
Agenda

- Short pitch on the offered topics
- Introduction to mandatory pre-tests
- Q&A

Topic #1: Electrical Drive Simulation Topic #2: ML Inspired System Excitation and Optimal Control Drivetrain **Nonlinearities System Excitation Python Python Programming GEM Programming GitHUB**



Topic #3: Theoretical and Practical Comparison of Different Core Loss Modeling Methods (Classical vs. Machine Learing)



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