

Electric drives for cars („Elektrische Antriebstechnik für Automobile“) Summer Term 2022

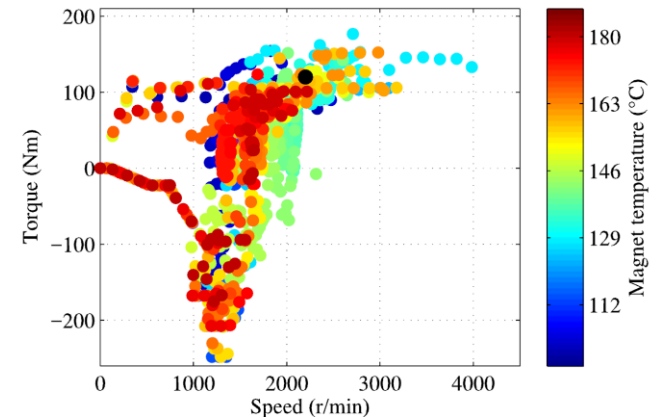
Prof. Dr.-Ing. Annette Mütze
Graz University of Technology

- Electric drives used in automotive applications: Traction and auxiliary drives
- Thermal modeling and system integration
- Failures: Modes, diagnosis and prevention
- Miscellaneous design aspects, such as lamination sheets and their manufacturing

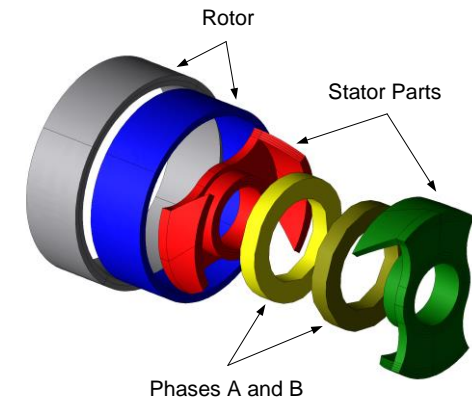
English lecture, online

Date & Location: Thursdays: 28. April, 5./12./19. May
2./9./23./30. June, 7. July 2022
From 8:15 am until 11:45 am

Contact: lehre@ew.tu-darmstadt.de



Integrated Starter-Generator Torque-Speed Operating Points with Magnet Temperature: The Black Point indicates the Nominal Operating Point; C. Paar, A. Muetze, IEEE TIAS, 53(3), pp. 1909-1919, 2017.



Innovative Low-Cost Sub-Fractional HP BLDC Claw-Pole Machine Design
for Fan Applications
S. Leitner, H. Gruebler, A. Muetze, IEEE TIAS, 55(3), pp. 2558-2568, 2019.