

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

SS 2020 (2+1)

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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

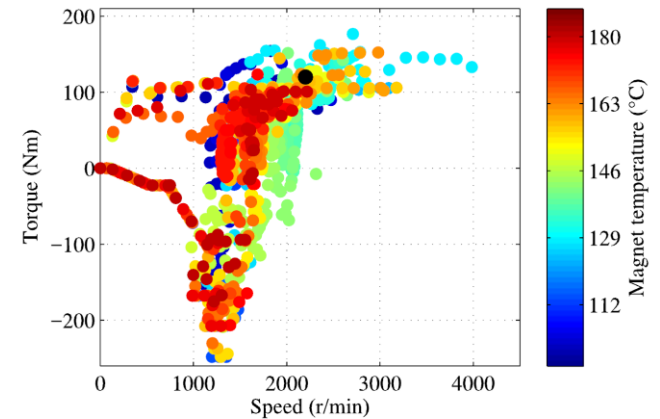
Date & Location: 06.-10.04.2020 in Graz, Austria

Registration: Open until 15.01.2020

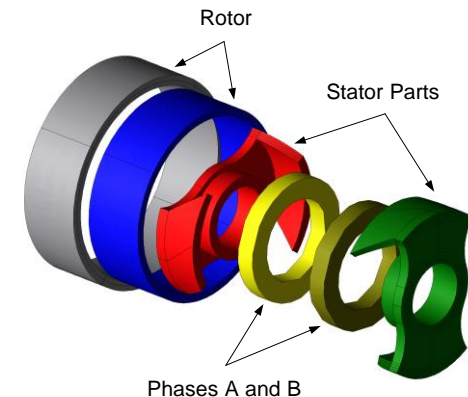
(max. 10 students, refund of travel costs)

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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