



H O C H  
S C H U L E  
T R I E R

August 2022



Prof. Dr. Gregor Hoogers (Conference Chair)  
Tel. +49 6782/17-12 50  
g.hoogers@umwelt-campus.de

## Battery Electric Drive Trains and the Commercial Vehicle Sector

### VEHICLE\* closing event 16th September 2022

- 09:00** Coffee & Registration
- 09:30** **Conference Opening** *Prof. Dr. Henrik te Heesen*, Vice President, Trier University of Applied Sciences
- 09:40 – 10:10** **Building Tomorrow – An Electrified Journey**, *Dr. Michael Schwall* (Volvo Construction Equipment Germany GmbH)
- 10:10 – 10:25** **Introducing VEHICLE – a project to optimize energy storage systems of electric vehicles**, *Dr. Tedjani Mesbahi* (INSA Strasbourg)
- 10:25 – 10:50** **Smart Energy management systems for HESS & control of a synchronous reluctance machine**, *Dr. Tedjani Mesbahi* (INSA Strasbourg)
- 10:50 – 11:15** Coffee Break & VEHICLE Research Poster Session
- 11:15 – 11:40** **Model-based energy management system for hybrid energy storage systems**, *Prof. Dr. Reiner Kriesten*, M.Eng. Tuyen Nguyen (Hochschule Karlsruhe)
- 11:40 – 12:05** **An experimental approach to the ageing of NMC-based Lithium-Ion batteries**, *B.Eng. Pascal Koch* (Umwelt-Campus Birkenfeld, Trier University of Applied Sciences)
- 12:05 – 12:35** **Der eEconic als optimaler Einsatzfall für den E-Antrieb**, *Dipl. Ing. (FH) Bernd Reinauer* (Daimler Truck AG)
- 12:35 – 13:00** Final Discussion, followed by informal Get-Together
- Registration:** free of charge



Source: Volvo Construction Equipment Germany



Source: Daimler Truck

Please send name and affiliation/company to [g.hoogers@umwelt-campus.de](mailto:g.hoogers@umwelt-campus.de), or register on the day.

**Venue:** Umwelt-Campus Birkenfeld, Campusallee, 55768 Hoppstädten-Weiersbach, Germany, ZN005

\*Advanced li-ion battery/supercapacitor hybrid energy storage system with synchronous reluctance machine for electric vehicle applications