

## AGENDA September 19, 2024

08:00	Check-In	
09:00	Opening of the Wangener Automotive Symposium	
09:15	Trends for Automotive Traction Inverters driven by HV-Battery and eMotor	<b>Dr.-Ing. Alexander Rambetius</b> Valeo Power Division
09:45	Bring your Inverter to the next Level: Controlling SiC Power Modules with Programmable Gate Drivers	<b>Arun Ashok</b> Wolfspeed <b>Ivana Santrac</b> Texas Instruments
10:15	Break	
10:45	Modern modelling, identification and simulation of electrical drive systems	<b>Prof. Dr.-Ing. habil. Christoph Hackl</b> University of Applied Sciences Munich
11:15	Feature driven eDrive development – a fast, reliable and consistent way to handle complexity	<b>Manuel Dengel</b> eMoveUs GmbH
11:45	Power Module Health Monitoring in EV Traction Inverters	<b>Karol Rendek</b> onsemi
12:15	Lunch Break	
13:30	High power density in-wheel inverter for challenging conditions	<b>Christian Schmidt</b> <b>Luca Schneider</b> Vitesco Technologies GmbH
14:00	Optimization of an E-Drive System using Smart and Standardized Methodologies	<b>Abhishek Shekheri</b> Hitachi Astemo Europe GmbH
14:30	Break	
15:00	Advanced SiC Inverter: A Powerful Tool for Electrical Motor Characterization and Optimization	<b>Idir Arslane</b> SAS CRITT M2A <b>Alexandre Battiston</b> IFP Energies nouvelles
15:30	Copper Car – System rig meets power electronics	<b>Horst Hammerer</b> AVL List
16:00	Resume	
16:30	Networking & Get together	