

# Automotive Networks



**Networking event and Opening of the exhibition**

**11 November 2019 | Start 7 pm**

**Location: Courtyard Munich Garching**

**Program Overview | 12 November 2019**

**Function and service-oriented architecture**

**From function- to service-oriented architectures**

Dr. Stefan Kugele, Department of Informatics, Software & Systems Engineering, Technical University of Munich

**Service-oriented architectures as a mindset: Shaping the next EE architecture in a digital age**

Dr. Julian Broy, Head of Service Architectures, BMW Group

**Adaptive AUTOSAR is on the road – challenges & experiences for series development at Volkswagen**

Jan Müller, Dr. Marcel Wille, Volkswagen AG

**It's served: Building blocks of future E/E architectures - A transition from distributed to future standardized service-oriented E/E-architectures**

Aurora Sere-Schneider, Head of Vehicle Systems Architecture, Continental Teves AG

**Enabler Technologies**

**Synthetic data to secure and optimize early stage topological and technological design choices for TSN networks**

Nicolas Navet, Associate-Prof., Computer Science and Communications Research Unit, University of Luxembourg

Josetxo Villamueva, Renault Group

Jörn Migge, Real Time-at-Work

**CAN XL – An introduction and comparison to available IVN-technologies**

Dr. Arthur Mutter, Engineering & Design, Robert Bosch GmbH

**Automotive hypervisor in classic real time systems**

Michael Strotz, Dr. Fabian Christowiak, Elektrobit Automotive GmbH

**The struggle with inheritance - How safety requirements influence the communication structure in future automotive E/E architectures**

Stefan Brunner, System Architect, Future In-Vehicle Networks, Continental Automotive GmbH