Prof. Dr.-Ing. Jakob Andert

RWTH Aachen University,

Germany

## Biography

Jakob Andert is Junior Professor for mechatronic system for combustion engines at RWTH Aachen University, Germany. He received his Dr.-Ing. degree in mechanical engineering from RWTH in 2012. He joined the automotive engineering company FEV in 2011 as a project manager for hybrid and electrified powertrains. He was responsible for various development projects for international OEM and Tier 1, I a wide range from prototype vehicles to series production software development. He joined RWTH Aachen University as Junior Professor for mechatronic systems for combustion engines in 2014. His research interests include realtime-cosimulation, closed-loop HiL testing, 48V powernet development and fast FPGA based combustion control. His laboratory consists of test benches for relevant components of the hybrid powertrain like electric machines, 48V powernets, transient combustion engines benches for passenger cars and heavy duty application and HV batteries.