Schaeffler Paravan Technologie GmbH & Co. KG

Space Drive

eCorner Module

Rolling Chassis

Schaeffler Paravan specializes in the development of fail-safe drive-by-wire systems. Space Drive is a key technology for automated/autonomous driving in level 4 and 5 with world-wide road approval. The system is an electronic interface that operates vehicle steering, accelerator, and braking, thus enabling autonomous driving for a wide range of applications.

Noel Marshall – Director of Engineering - Schaeffler Paravan

As the Director of Engineering for Schaeffler-Paravan, Noel focuses on developing, managing, and creating new markets within the drive-by-wire space for autonomous and semi-autonomous applications in North America.

She has a passion for technology as it relates to the automotive industry and seeks to impact the future of transportation and mobility.

Notable projects include modifying both a 2014 and 2016 Chevrolet Corvette for the Semi-Autonomous Motorcar Project (SAM Car Project) with drive-by-wire and ADAS technology to enable someone who suffers from quadriplegia to drive again.

She has been honored with 2 awards in 2017. One award for Women of M2M/IoT by Connected World Magazine and another for Women Worth Watching in STEM by Profiles in Diversity Journal for her work on the SAM Car Project.

She is Lean Six Sigma Green Belt certified and is Project Management Professional (PMP) trained. She holds a bachelor's degree in Mechanical Engineering with a Mathematics minor from Colorado State University.