



ASTON MARTIN



Drivetrain Simulation NVH/FEM/MBS Simulation Engineer (M/W/DIV)

Aston Martin is built upon the passion, skill and creativity of the people who dedicate their working lives to the most iconic brand in the world. Every intricate stitch, beautifully expressed line, and the stirring noise of our engines is a manifestation of the desire and collective spirit to create the most beautiful cars: the soul of Aston Martin made real.

Job Purpose: Deliver engine and transmission virtual validation simulations to optimize and analytically prove product attribute targets. Work with all design and test engineer to support the release of the component system.

Key Responsibilities & Tasks:

- Plan and execute all NVH-Simulations in the Drivetrain Department
- Strong technical background of radiated NVH and Acoustic
- Experienced in FEM and MBS-Powertrain Simulations
- Analysis of a broad range of finite element models and providing engineering solutions to ensure designs meet the required legal and internal requirements
- Construction of simulation models within existing naming, numbering and model construction processes
- Present results at a range of levels within the organization
- Coordination and tracking of external service providers and report regular update on timing, costs and project process
- Work alongside commodity owners and CAD teams to evolve designs by giving advice on geometry as well as material and fixing selection

Qualification & Experience:

- Bachelor's or Master's degree in Engineering or an equivalent qualification
- Strong background in powertrain development
- Experience in Abaqus, Optistruct, AVL Excite, Hyperworks, AVL Suite, Siemens NX
- Significant experience in engine/transmission and driveline simulation
- Close collaboration with design and testing teams, understanding data analysis and design process
- Strong teamworking skills to ensure effective communication and collaboration across functional teams
- Independently driven with the ability to manage and prioritize own workload
- Solution-orientated with strong knowledge of problem solving
- Excellent presentation and PowerPoint skills
- Open and honest communication
- Excellent German and English skills

Package

- Become part of the team that will build Aston Martin Germany
- An attractive salary
- Location Stuttgart with a great willingness to travel
- Company pension scheme
- Company performance bonus scheme
- A highly motivated and qualified team
- ... and much more

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We look forward to receiving your application at astonmartin@humanexx.de