Get ready for Team MAHLE!

Go further, go faster, and be #StrongerTogether.

SW/Controls Engineer Compressors
Location: Paterna, Spain

Your Role & Responsibilities

- Software and control engineering for an eCompressor program from concept development to series industrialization.
- Model-based software development of control algorithms and state-space machines for eCompressor predevelopment.
- System responsibility on product level. Interface to MAHLE thermal management system engineering groups for eCompressor integration.

Your Skills & Strengths

- University degree in electrical or mechatronics engineering.
- At least 5 years of practical experience in international development projects as software and controls engineer of mechatronics systems ideally in the automotive sector.
- Very good experience in the development and implementation of control loops for mechatronics systems. Experience in auxiliaries business desirable.
- Practical experience in model-based software development with Matlab-Simulink.
- Good knowledge with different control algorithms as state space and model predictive control theory, also their application and implementation in model build-up with its respective simulationInternational experience desirable.
- Structured working methods and experience with V-Model process and agile methods.
- Experience with Mathworks Matlab/Simulink tool chains desirable.

MAHLE

- Minimum level of English B2, Spanish C1 desirable, German B1 desirable.
- Strong communication skills, high sense of responsibility, high precision on given tasks.

In addition to work in a great team, we encourage you to reach your personal potential and through outstanding learning and development opportunities. Exciting assignments and personalized support for your career are available to you.

Your contact:

MAHLE