

Engine System Performance Engineer

Are you an automotive engineer and able to deep-dive in several questions in the field of engine performance? We are looking for you!

Summary

- Vacancy number: PUB211159
- Market: Industry
- Branche: Automotive
- Area of Expertise: Research & Development
- hours per week: 40
- Education level: Academic Master
- Closing date: Saturday, June 22, 2019

Job description

The engine integration & validation department is amongst others responsible for integration of the engine and after treatment into an optimized system working together with all types of vehicles. This integrated system should have excellent fuel efficiency and robust emission performance. As an engine system performance engineer you will deep-dive in several questions in the field of

engine performance in the broadest sense of the word. The goal is to increase understanding of the current barriers with regard to fuel efficiency, drive-ability, transient performance etc. and to improve it where possible.

You will analyze current and future powertrain performance such as engine + after treatment emission robustness, engine fuel efficiency and in-engine energy flows. Therefore you will perform analyses based on existing measurement data, initiate and carry out dedicated tests and report and present the results. Based on the analyses you will provide suggestions for improvement, align with stakeholders and explain barriers and provide solutions for technological barriers. Finally you will optimize and develop analysis and calculation techniques.

About you

- Master's degree in Automotive Technology, Mechanical Engineering with proven affinity with Diesel engines and/or Heavy Duty Powertrains
- Experience with engine development
- Experience with working in multidisciplinary teams is preferable
- Experience with Matlab
- Experience with Concerto is preferable
- Good English skills are mandatory and Dutch skills are a pre

What we offer

Being intermediated by Brunel means that you are contracted by Brunel. Not only you will have a contract, you will as well be assured of a great career! Our primary and secondary terms of work are excellent. A few examples are price reductions at CZ Health Insurance, bonus opportunities and standard 26 days off. Brunel Engineering intermediates both junior and senior engineers within the industry for over 30 years now. Our clients vary from multinationals to local companies.

Feel free to contact

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