



Making metal 3D printing affordable

Multi-physics engineer

As a multi-physics engineer, you are the modeling brain in the team. Apart from the modeling role, you will use your practical skill to build simple experimental setups to verify and proof the feasibility of your modeling output.

Job description

- Modeling of the printing process and specific cases for optimization of the process and components
- Feasibility study of generated (sub)concepts, with suggestions for Improvement
- Numerical verification of lifetime and stress verifications
- Practical verification through experimental test setups

Your Profile

- Start-up minded
- You are interested and believe in the project
- You have a degree in (electro)mechanical or physics engineering
- You are fluent in English, Dutch is an important plus
- You have experience with heat- and fluida physics and modeling
- You have experience with simulations & multi-physics software such as Ansys,...
- You can handle complex physical problems by splitting and simplifying the problem
- You can quickly build experimental setups to verify the Ideas and concepts
- You are open-minded to innovation
- You are willing to keep learning

Offer

- Be part of a potential tech start-up in a fast growing market
- Young and dynamic team
- Lots of variation and room for personal skill development

"A theory is something nobody believes, except the person who made it. An experiment is something everybody believes, except the person who made it" - Albert Einstein

Please send a cover letter and resume to info@valcun.be

To be considered to join our growing team.