

3D Systems Belgium is looking for a motivated

JUNIOR MATERIALS DEVELOPMENT ENGINEER

About 3D Systems Belgium

3D Systems Belgium, formerly LayerWise, is a dynamic and leading enterprise, specialized in 3D Printing of metal components. 3D Systems Belgium is part of the international company 3D Systems.

3D Systems is a renowned developer of 3D-printers and a contract manufacturer of 3D printed parts. The synergy of both activities makes us a strong innovation partner for customers in the industrial and healthcare sector.

We believe in a culture of open communication, supporting each other and the value of trust & respect for the individual.

JOB DESCRIPTION

Currently we are looking for a Jr. Materials Development Engineer to reinforce the 3D Systems' R&D team in Leuven. As a junior materials development engineer, you will strengthen the R&D team by studying and developing new materials for the Direct Metal Printing (DMP) technology. As an interdisciplinary engineer with a strong interest in metallurgy and the DMP process, you will interact with both hardware and software developers as well as the application engineers. As a jr. materials development engineer, you will execute independently short-term projects and/or support more experienced team members in more challenging projects. High motivation, an authentic care for each other and a cool technology is what you will find in our company!

RESPONSIBILITIES

- **Understanding of DMP process and metal materials:** Optimize the DMP process and materials through understanding of impact of the key parameters that on the quality of printed parts.
- **Developing of new materials:** Expand the current material portfolio for DMP printers through literature study, DOE test campaigns and proper evaluation through statistical tools.
- **Hands-on testing:** Familiarize with the relevant DMP equipment, software and lab test equipment needed for the assigned projects and work towards independent design and conduct of tests.
- **Project management and commercialization activities:** coordinate or support in the technical project managements tasks and support in commercialization activities by providing technical information to other divisions within the company (service engineering, marketing, ...)
- **Troubleshooting issues and root cause analysis.**

PROFILE

- Bachelor or Master degree in Materials Engineering or related sciences or equivalent by experience
- Basic user of Microsoft office applications and basic knowledge of statistics
- Fluent in English, spoken and written; Knowledge of Dutch is a plus
- Team player, clear and respectful communication
- Accurate execution of tasks, critical assessment, and timely reporting of results
- Flexible, creative, and eager to learn
- Problem solving mindset
- No work experience required

WE OFFER

- A challenging job in a young and dynamic team
- A competitive salary and additional non-statutory benefits
- Career opportunities in a global company with exponential growth

INTERESTED?

Please send your resume and motivation mail in English to: BelgiumCareers@3dsystems.com