

We are looking for a:

## 3D PRINTING RESEARCH ENGINEER/SCIENTIST

### Is this you?

To realize our (ambitious growth plans / plans for world domination) in the field of 3D Printing, we are looking to add enthusiastic people to our team who are as passionate about the technology as we are.

*As Research Scientist you are responsible for developing new materials, process parameters and machine hardware on multiple 3D printers (metals, polymers, ceramics). You will write proposals for local, national and European funded projects and are responsible for their execution, deadlines, requirements and administration.*

We offer a fulltime position in a very innovative and multicultural company based in the Limburg region in the Netherlands for a driven team-player who doesn't mind going the extra mile.

### Essential functions:

- Operates and is responsible for the R&D 3D printers;
- Responsible for the development of new technologies/materials;
- Setting up new frontiers for part development, materials, process parameters and hardware of the R&D 3D printers;
- Responsible for the integration of funded research programs for product development, material development and hardware development with partners;
- Integrates new technologies for added functionalities;
- Supports production and design team for part redesign towards 3D Printing technologies based on client files;
- Reports directly to the Chief Technology Officer of the company;

### Desired skills and experience:

- Engineering degree or equivalent (Master, PhD) – preferably in Materials Science;
- Understanding of materials science is essential (polymers, metals, ceramics);
- Experience with 3D Printing is a clear asset;
- Knowledge of and experience with European Project proposals is a clear advantage;
- Strong yet flexible work ethic;
- Comfortable in a dynamic production environment as well as with ISO standards requirements and testing procedures;
- Ability to speak and understand Dutch or German or French. English (C1-C2 level) is a must;

### About Xilloc:

Xilloc is a company specialised in custom products, mainly for high quality medical applications such as Patient-Specific-Implants, Surgical Guides and Anatomical Models. We see a need for similar high quality parts in industrial applications and we are dedicated to push Xilloc to the highest standard also in the field of industrial 3D Printing for polymers, metals and ceramics.

The company uses state-of-the-art design and manufacturing methods, including a wide range of 3D Printing technologies. Xilloc designed and produced both the world's first 3D printed cranial plate as well as the first full 3D printed mandible. Our experts also provide services such as Additive Manufacturing & 3D Printing consultancy, technology and knowledge transfer, re-design advice and small batch production for high-quality industrial and medical parts.

Are you interested? Send your CV and cover letter  
before May 18th 11AM to:

[jobs@xilloc.com](mailto:jobs@xilloc.com)

The first interview round is scheduled on May 26th and 27th, so please make yourself available!

Please do not apply when you think 3D Printing can be used to print:

- Money
- A new computer
- A better brain