

Senior Process Engineer

We are looking for a Senior Process Engineer to help with the development and optimization of our novel microfabrication process: MPD

Full Time - Sevdallaweg 140, Rotterdam (NL)

Start date around May 1st, 2022

Company Overview

Mesoline B.V. - www.mesoline.com - is developing a new microfabrication technology for printing of complex micro-scale structures: microchannel particle deposition (MPD). After years of technology development, Mesoline is planning for a market entry in 2022.

Mesoline was formed in 2017 as a technology spin-out from California Institute of Technology (Caltech). Development has been financed by governmental grants (NSF, DOE and Horizon 2020) and private capital. As a team of 10, we are operating out of the Sevdallaweg 140, Rotterdam. We are a well-financed company.

Mesoline is a fast-paced, agile environment. We are growing and plan to add four (4) new team members in 2022. Team members wear many hats, and we expect them to take initiative and ownership from day one. Strong communication and disciplined organizational skills are critical in this collaborative environment, as well as passion for commercializing next-gen, high impact technologies. The company language is English. Our industry is high-tech manufacturing.

What we need:

Mesoline is seeking a **Senior Process Engineer** to help with the development, design, and testing of the MPD process. This role involves leading the characterization of various internal production processes by identifying key parameters and opportunities for streamlining, providing feedback for the design of next generation systems, and leading the optimization of production yields.

The ideal candidate is a versatile self-starter comfortable taking on tough technical challenges. In our dynamic environment, a keen focus and strong work ethic are needed to see projects to timely completion. If you're passionate about solving problems, building something from the ground up, we'd like to hear from you.

The Senior Process Engineer will work with both our mechanical design and R&D teams. First year project include:

- Leading the characterization of internal production processes.
- Process testing and yield optimization.
- Identifying and implementing necessary improvements to our machines and processes.
- Assisting with the development of new products.

Essential Duties & Responsibilities

- Lead the communication and projects with outside MEMS foundries
- Lead or assist on special projects to determine feasibility, develop and implement new technologies for future growth in capabilities and offerings
- Develop, test and increase the process yield of the MPD process .
- Oversee and assist R&D engineers with implementation of our microfabrication technology for the development of novel sensing products.

Required Skills & Qualifications

- **+3 years of relevant experience** as a process engineer in the high-tech industry.
- Proven self-starter: ability to take initiative as well as working in a team,
- Knowledge on MEMS, sensing and semiconductor fabrication technologies is a plus.

We offer

Highly competitive salary depending on experience/skills applicant, and unparalleled growth and development opportunities – all to create a compelling and rewarding work environment. This is a R&D position in a young, fast-growing company with world-class engineers working on a sustainable product.

Agency

Mesoline does not accept unsolicited agency resumes and will not pay fees to any third-party agency or firm that does not have a signed agreement with Mesoline.

Contact: Thomas Russell, thomas@mesoline.com