

Position: Senior Chemist



ETC Solar B.V. – Senior Chemist

We are looking for an experienced Senior Chemist

Full Time – Rotterdam (NL)

Start date between: November 1st, 2019 – January 1st, 2020

Required: M.Sc. or PhD in Chemistry or related fields and 5+ years of relevant working experience.

About the team:

ETC Solar is a spin-off from the world-renowned California Institute of Technology (Caltech) and is developing a revolutionary power boosting and cost saving semiconductor tool for the photovoltaics and glass industry. We are developing world's highest-performing and invisible metal contacts: effectively transparent contacts (ETCs). We are looking to expand our research and development team and hire an experienced chemist to help with the development of our ETC Printing Tool.

What we need:

The R&D team is seeking a highly motivated, hands-on, chemical engineer who will be tasked with the co-development of a scalable, marketable and durable printing tool based on our patented ETC printing process. The ideal candidate is a versatile self-starter comfortable taking on challenges with minimal supervision. 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 position involves close collaboration and contact with world's largest solar cell manufacturing companies. In addition, we encourage bold and creative thinking to help push the efficiency of solar cells by developing cutting-edge technologies.

What you'll do:

- Formulation and development of polymer printing heads for the ETC Printing tool.
- Nanoparticle ink formulation and testing.
- Work closely together with our R&D team and customers to further develop and optimize our printing process.
- Develop new polymers to nanoimprint mold designs.
- R&D on new product development and applications.

Skills you'll need:

- 3+ years of experience developing polymers.
- Knowledge on silver nanoparticle inks and microfluidics are a plus
- Highly motivated and entrepreneurial, willing to take charge of your own project.

What we offer

- Competitive salary + equity compensation depending on experience/skills applicant.
- Work in a team of world-class scientist and engineers.
- R&D collaborations with large solar cell manufacturers and research institutes.
- Be part of a young and energetic team.

Interested? And are you the perfect team member! Let us know and send your motivation letter and resume to Thomas at thomas@etc-solar.com.