

Brief description of company:

Name: OrelTech

Contact: www.oreltech.com

konstantin@oreltech.com

Company description: OrelTech is a start-up company that developed its own new method for surface metallization. We were founded in 2015 in Israel, and moved to Berlin in 2018. We are manufacturing a novel type of metallization inks, which can be printed with almost any printing method, and can be turned into metal using a plasma process. Metallization is a crucial process in many industries, including printed electronics, energy storage and aerospace/automotive. Our breakthrough process allows depositing functional metal layers onto almost any surface including paper, fabric and plastics.

Core competences: chemistry, materials, nanotechnology, plasma technology

Company state of today (2020): In the process of scale-up and integration into German industry.

Envisaged state within two years (in 2022): Metallization ink manufacturers working in several different industries.

Cooperation or partnership requested or desired:

1. Customers/collaborators that can integrate our metallization technology into their processes. Main industries of interest for us are printed electronics, energy storage, automotive/aerospace, consumer electronics
2. Specialists in plasma process and/or plasma machine manufacturers
3. Specialists in electroplating

Recruitment offers (qualification and skills):

We are looking for a reliable, organized and enthusiastic chemist to work in our lab. This is a unique opportunity to learn and eventually become an expert in a revolutionary field.

The successful applicant should have a positive attitude, a desire to work efficiently, and good communication skills. We're looking for someone who can learn quickly, operate effectively with little supervision, and who can manage multiple tasks at once without becoming overwhelmed. A basic knowledge and understanding of chemistry lab work, glassware and chemical tools, various analytical equipment and safety procedures is also mandatory. Applicants right after university, with no industrial background are welcome.

Necessary skills:

- B. Sc. or equivalent in chemistry or chemical engineering
- Knowledge of chemical lab work
- Knowledge and understanding of the lab safety procedures
- English and German languages on a high level (spoken and written)

Infrastructure demand (if applicable): None

Finance (VC/BA, funds) support need (if applicable): None