



Life sciences researcher electro- chemistry

About the company

Headquartered in Leuven, Qplox engineering department offers advanced, customized solutions for test, validation and verification for the high tech electronics industry, from prototypes to full custom test benches. We offer a one stop shop for test benches, system integration production and lab automation solutions. Qplox uses all its expertise to develop our own IoT sensor solutions.

Our consulting group is a family of experts in microelectronics, where large companies come for advice in the most daunting semiconductors and microelectronics challenges.

Whatever your view is on high tech electronics, there is always a nice project running in Qplox

Job Description

- Define and optimize design of experiments, independently performs tests in the lab, interpret and report results;
 - Assemble, modify, calibrate and operate equipment and setups required to perform your experimental work;
 - Collect, analyze and report scientific data leading to valid conclusions and keep abreast of cutting-edge methodology in the areas of metalhydride electrochemistry, proton conducting electrolytes, ion intercalation and solid-state electrochemistry in general.
 - Planning and manage time effectively: you work according to aggressive project schedules and you quickly adapt to new project requirements.
 - Proactively reach out to and engage with other experts internally and externally to find constructive solutions
 - Report to your team members and higher management on a topic that is of strategic importance to the organization.
 - Develop new and widely-applicable skills at the forefront and cross-section of life science and semiconductor technologies.
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Candidate Description

Function Requirements:

- You have a PhD in electrochemistry or equivalent discipline with preferably a strong experience in proton-related electrochemical systems or hydrogen storage. Persons having a master's degree and several years of relevant experience will also be considered.
- You are driven to work in a research environment and have a keen interest in technology
- You are a curious-minded, data-driven and result-oriented professional keen to make an impact in a highly innovative R&D area.
- Think outside of the box and are eager to learn fast about new approaches and applications relevant to your research field
- You are able to maintain a bird's-eye view of all your tasks while at the same time manage the day-to-day details and challenges in a positive, constructive and forward-looking way.
- You are highly motivated with a passion for hands-on lab work on a daily basis
- You are an exceptional team-player with outstanding communication skills willing to work in a multidisciplinary and multicultural team of researchers;
- Given the international character of imec, excellent knowledge of English is a must

Relevant experience:

- Prior experience in DNA synthesis, surface chemistry or solid-state batteries is considered an asset.
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We offer

We are proud of our open, multicultural, and informal working environment with ample possibilities to take initiative and show responsibility. We commit to supporting and guiding you in this process; not only with words but also with tangible actions. We actively invest in your development to further your technical and personal growth. Your energy and commitment are appreciated by means of a competitive salary with many fringe benefits.

Contact

Send your CV and application letter to jobs@qplox.com indicating the position in the subject
