

Lead Electrochemist

<https://www.ehgroup.ch>

We are challenging the energy sector with our innovative fuel cell technology to disrupt conventional sources of power - are you the right person to join our dynamic and growing team?

About EH Group Engineering

EHG is developing cutting-edge fuel cell technology for heavy duty mobility and large-scale stationary power applications. Our uniquely redesigned product is a significantly more compact fuel cell with high power density, greater efficiencies and lower costs of production. Faced with the challenges of climate change and the transition to a decentralized energy system, EHG seeks to provide high performance and cost-effective fuel cell solutions to our clients and partners.

To help achieve our vision of a decarbonised future we are seeking a highly talented and motivated electrochemist with strong background in fuel cells.

Key Responsibilities:

- Thorough understanding and experience in using state-of-the-art microscopy and other machines such as X-Ray and SEM
- Experience in post-mortem analysis and evaluation of various components inside a fuel cell stack such as membrane, diffusion layer, catalyst, etc.
- Chemical characterisation of various components in the fuel cell stack assembly
- Work in multi-cultural and functional teams and participate in the overall development of the company
- Working with external/internal experts in the field to develop knowledge in various characterisation methodologies
- Leadership skills and initiative for progressing the team's objectives
- Strong communication skills with internal and external customers

Skills and Experience Required:

- PhD, BSc/MSc level or equivalent in Chemical, chemistry or related disciplines
- Minimum 2-4 years industrial experience in fuel cells or relevant applications
- Previous working experience on fuel cells is mandatory, especially on PEM fuel cells
- In-depth Understanding of characterisation techniques and equipment used such as Impedance
- Previous working experience in testing and characterising fuel cell stacks
- In-depth understanding of latest methodologies for data analysis
- Team player with the ability to function autonomously
- Excellent spoken and written knowledge of English is mandatory
- Good written and spoken knowledge of French, German or any other language is a plus.

Start date: Immediately;

Please send your CV with a short cover letter to info@ehgroup.ch;

Only candidates selected for interview will be contacted.