

Application Scientist, m/f/d, 100%

To start on April 1st 2023 as a permanent assignment, we are looking for an experienced small molecule crystallographer with international exposure and a passion for promoting the only and first dedicated electron diffractometer in the fields of science and industry.

About ELDICO Scientific

ELDICO Scientific AG (The Electron Diffraction Company) is a Swiss technology and service company founded in 2019 and based in the Switzerland Innovation Park Innovaare at the Paul Scherrer Institute (PSI), a world-leading research institute for natural sciences and engineering. ELDICO develops, manufactures and commercializes solutions based on electron diffractometers, i.e. innovative analytical instruments for electron crystallography that make it possible to investigate nanocrystalline samples. ELDICO launched the world's first electron diffractometer ELDICO ED-1 in 2021 and provides ED analytical services to clients in large, fast-growing industries such as the pharmaceutical, electromobility and advanced materials/MOF sector at the Electron Diffraction Experience Center in Allschwil, Basel. ELDICO partners with leading engineering companies and component suppliers, and collaborates with key academic institutes as well as major industry R&D centres to strengthen a compelling long-term product development roadmap.

Job description:	Application Scientist, m/f/d
Work load:	Full-time, 100%
Location:	Basel, willingness to travel internationally, estimated at 10-20%
Term of contract:	Permanent assignment
Line manager:	Chief Commercial Officer

YOUR role & responsibilities

As an application scientist, you will be responsible for delivering quality electron diffraction data sets to researchers in academia and industry, in detail: sample preparation, measurements, data analysis and interpretation.

Among other things, you will be responsible for:

- Performing ED measurements and data analysis for ELDICO's analytical services
- Collaborating with industrial and academic partners in the field of Electron Diffraction
- Producing scientific relevant results and peer reviewed publications in the field of ED
- Performing ED test measurements to confirm hard- and software ability
- Presentations at international scientific conferences and congresses
- Assistance in webinars, seminars and trainings
- Technical and scientific support of customers

The aim of this position is to build a strong scientific support for our customers and to constantly improve the performance and useability of ELDICO's electron diffractometer.

YOUR qualifications

- Ph.D degree in natural sciences (Chemistry / Physics / Material Sciences)
- Several years of practical experience in crystallography and with diffractometers, including data acquisition and structure solution/refinement
- High analytical skills and swift understanding of technological challenges
- Hands-on, solution-oriented and able to create processes in a small company
- Very good spoken and written English
- Good skills in communicating to others

Experience with Electron Diffraction, XRPD methods, as well as having worked in an industrial/commercial role and/or with a variety of different sample types and experimental conditions would be a plus.

To be successful in this job, you need to be a self-starter, pay attention to detail while keeping the big picture, able to communicate in an open and transparent manner to various groups of persons (customers / partners / colleagues). The ability to work in a cross-functional team will make you particularly stand out.

What ELDICO has to offer

- Appealing methodological challenge and immediate responsibility in a highly innovative technological environment
- A high degree of independence in the performance of your daily work
- Support and coaching provided by experienced colleagues and external consultants whenever necessary
- Attractive remuneration incl. participation in the employee stock option program
- The opportunity to help develop the innovative product portfolio of a well-funded, fast-growing company

HOW to apply

Are you eager to help shape one of the most exciting areas of science as part of a promising start-up? Contact **Petra Simoncic (CIO) and/or Sebastian Schegk (CCO)** with your application. Please send as PDF file(s) your CV, a cover letter in English (including your availability and desired salary) and a list of scientific publications (please highlight the top 5) to join@eldico.ch, ideally before 28 February 2023.

For more information on ELDICO Scientific on www.eldico-scientific.com

