

Heidelberg, 2020/01/08

CEOS

Corrected Electron Optical
Systems GmbH



We offer a permanent position for a

Physicist or Physics Engineer

(M.Sc. in physics or engineering or equivalent background)

with main focus on instrumentation development for

Transmission Electron Microscopy and Spectroscopy

Company Description:

The Corrected Electron Optical Systems GmbH located at Heidelberg, Germany develops and manufactures aberration-corrected electron optical imaging systems. In the field of Cs- and Cc/Cs-correctors for TEM/STEM and SEM we are the technology leader world wide. Recently, we have expanded our product portfolio towards imaging energy filters and spectrometers. Our main focus is on research projects for our industrial and academic partners, the development of prototype instrumentation and the production of small-batch series of OEM devices.

Job Description:

In a group of engineers and physicists you will contribute to the continuous development and improvement of our spectrometer, energy filter and aberration corrector products. Among your responsibilities will be the installation, test and factory alignment of new instruments. In close cooperation with optics designers, electronics and mechanics engineers, and software developers you will improve and evaluate alignment strategies and data acquisition workflows, update user documentation and help with installation, training, failure analysis and technical service at the customer site.

This position requires a good technical and physical background in electron optics, good communication skills and a responsible and organized way of working. Proven practical experience with analytical electron microscopy is necessary as well as a good command of the English and the German language. Some experience in Python scripting for instrument control and data acquisition would be beneficial.

We offer an attractive job in a stimulating scientific environment of modern charged particle optics instrumentation with friendly colleagues and good social and financial conditions.

Are you interested? Feel free to contact us in an informal manner for further information. Please submit your application in PDF format by email to:

Dr. Heiko Müller
phone: ++49 (0) 6221 89467-0
email: mueller@ceos-gmbh.de

CEOS GmbH
Englerstr. 28
D-69126 Heidelberg
<http://www.ceos-gmbh.de>