



# scientaomicron

Start as soon as possible in Taunusstein as a:

## PHYSICIST (m/f/d)

### SPM Research & Development

Scienta Omicron provides Nobel Prize technologies for science and industry, through innovations in Electron Spectroscopy, Scanning Probe Microscopy and Thin Film Deposition in Ultra High Vacuum. Revenue 50 Million Euro and 175 employees in 2019.

Scienta Omicron's Materials Innovation Platform for Materials Physics and Surface Science supports researchers around the world with patented technology addressing the global race for smarter batteries, next-generation electronics, quantum technologies, solar energy, etc.

Scienta Omicron traces its origins back to the Nobel Prizes in 1981 for Electron Spectroscopy and 1986 for Scanning Probe Microscopy. Scienta Omicron is a fully owned subsidiary of Scienta Scientific AB, with main sites in Uppsala, Sweden and Taunusstein, Germany, and regional offices in USA, China and Japan.

Scienta Scientific AB develops long-term profitable technology-based niche businesses within the 20 Billion Euro Scientific Instruments for Physical Characterisation market.

#### YOUR TASK

- SPM (i.e. STM and AFM) development projects (instruments and technology building blocks), case-related from concept development to market launch
- Prototyping (i.e. modelling and mechanical design), performance related test and characterisation, interpretation and judgement of measurement results in conjunction with other departments
- vibration analysis, developing and implementing solution strategies for vibration-related issues
- Developing environmental technologies for SPM, such as magnetic field, cooling/heating techniques, optical setups, other components, etc.
- Maintenance of legacy products, support in customer specific projects
- Documentation, test protocols, manuals, BOM for new products and customer specials, etc.
- SPM software and electronics test

#### OUR BENEFITS

Start into a future with the best development opportunities and the security of a globally active group of companies.

Make the most of your potential: You will be able to determine your own career steps through your personal commitment and drive

An attractive salary with additional benefits, such as Fruit days, drinks, company parties, 30 days vacation.

Taunusstein: Combine the work in a scenic region with the proximity to larger cities and a wide range of cultural activities.

Become a part of our dedicated and friendly teams

#### YOUR PROFILE

- Natural science degree or comparable university of applied sciences degree
- Physics of Surfaces
- PH D is beneficial
- Experience in development of high-technology scientific instrumentation / measurement setups
- First experience with UHV, cryo-cooling technologies, programming, optics, experimental data analysis, and mechanical design (CAD) is favourable

#### YOUR WAY INTO OUR COMPANY

We are looking forward to your online application

Please send it to:

[recruiting@scientaomicron.com](mailto:recruiting@scientaomicron.com)

Scienta Omicron Technology GmbH

Am Wurzelbach 4

65232 Taunusstein

Tel: +49 6128 987 215

[www.scientaomicron.com](http://www.scientaomicron.com)