

Tailored Solutions

from an unparalleled spectrum of technologies.

Physicist R&D SPM Scienta Omicron in Taunusstein/Germany

Scienta Omicron is the leading innovator in Surface Science.

The company provides top capabilities for the research community through its technology leadership in electron spectroscopy, scanning probe microscopy and thin film deposition. These capabilities are available in custom tailored solutions from one source with worldwide sales and service groups. We work with leading researchers around the world and our products are known for their outstanding performance.

Scienta Omicron employs more than 180 people in all parts of the world

We need a new Team member in R&D.

This is an opportunity to join a highly motivated team of physicist with focus on SPM Research & Development.

For more information please visit:

www.scientaomicron.com

Your Tasks:

- 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

You Should:

- Natural science degree or comparable university of applied sciences degree
- Physics of Surfaces
- PhD 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

Benefits:

- Performance related compensation
- Opportunity to work with a high motivated team
- Interesting and diverse area of responsibilities
- Flat hierarchy
- Flexible Work time
- Close to Wiesbaden

If this position appeals to you, please send your application and CV to

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