



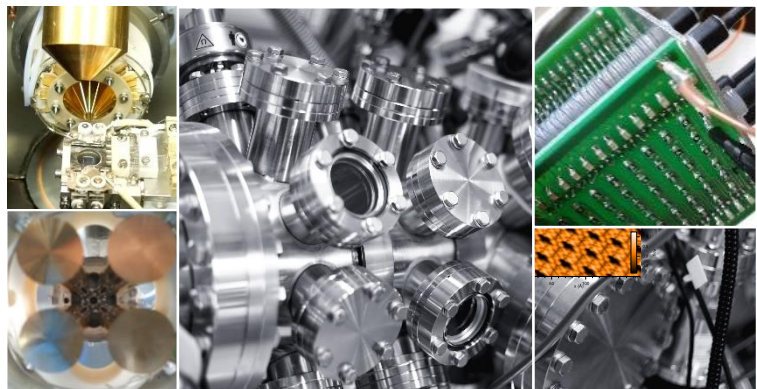
Engineering nanotech-StartUp is looking for committed **co-workers** and **students** – full and part-time

We are...

a recently founded start-up located in **Gilching** (Western Munich region). Our multidisciplinary team from the surface physics and nanotechnology chair at **Technical University Munich (Garching)** combines physics, electrical engineering, biochemistry and business expertise. The group is funded by **EXIST Forschungstransfer** and spreads its activities across both locations.

We do...

preparative mass spectrometry based on **ion beam deposition**, a technology combining **vacuum physics, electronics and (bio)analytical chemistry** (see our and TUM website). We are developing an innovative research and fabrication



For...

organic nanotech + nanoelectronics

by creating atomically-clean nano-coatings and architectures from organic molecules¹, useful in **organic switches, sensors, OLEDs, solar foils, memory, batteries**

Life science and biopharmaceutical R&D

by offering new options for structure elucidation of **biomolecules useful for development of new drugs, nano-packaging etc.**

We are expanding our team and looking for...

interdisciplinary thinkers and practitioners,
enthusiastic in being part of an exciting industry of the future:

Electrical / IT engineer or nat. scientist (physicist, chemist...)

salary provisionally E13 for 1 year². Flexible working hours. A long-term collaboration is very welcome as part of a growing team with excellent career prospects.

Working students

employed at the TUM incl. pay according to public Tariff, flexible time slots between 5-20 h/week, thesis possible), option of joining the start-up afterwards

➔ *Both options with some flexibility regarding the locations³.*

¹ self-assembly, soft-landing, on-surface synthesis

² Project-related limitation

³ pureions GmbH in 82205 Gilching and/or at TUM Physics Department Garching and home-office in parts

Your qualification ... Optimally you have background in any part of the fields:

- Electronics** development and construction (*from circuit design to PCB and product*)
- Software** development (*e.g., microcontroller/FPGA or GUI/application programming, simulation*)
- Design + construction of **vacuum** components, **ion sources** and **guides** (*CAD, mechanics, UHV*)
- Performing / supporting scientific **experiments** (*surface science, analytical chemistry, vacuum...*)

and your passion...

- You have sound theoretical background + practical (laboratory) experience, in either computer science, electrical engineering, mechanical engineering or nanotech and you enjoy practical (laboratory) work,
- You value personal responsibility, initiative, DIY and teamwork attitude, reliability,
- You like to work in an interdisciplinary and highly motivated spin-off team in an exciting high-tech industry.
- You optimally have entrepreneurship affinity.

Interested or need more information?

Please get in touch and submit a short CV and your field of interest to a.huettig@pureions.de



website pureions



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team website @ TUM

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