



The **Faculty of Chemistry and Food Chemistry** and the **Kurt-Schwabe-Institut für Mess- und Sensortechnik e.V. Meinsberg** seek to fill the

Chair (W3) of Physical Chemistry / Measurement and Sensor Technology

combined with the position of the

Director of the Kurt-Schwabe-Institut für Mess- und Sensortechnik e.V. Meinsberg

in a joint appointment procedure from **1st April 2022**.

About 130 employees are currently teaching and researching at the Faculty of Chemistry and Food Chemistry. About 600 students are enrolled in the degree programmes offered by the faculty in chemistry (Bachelor and Master) and in food chemistry (state examination and Diplom). The faculty is also involved to a considerable extent in the teacher training courses in chemistry as well as in the basic training of numerous scientific and technical degree programmes at TU Dresden. Teaching is mainly carried out by 15 chairs, which are supported by eight professors appointed jointly with extramural research institutions, especially in the Master's degree programme in chemistry. The close scientific networking of the faculty with the numerous extramural research institutions offers an excellent environment for modern teaching and research with a focus on "material-relevant chemistry" and "biologically orientated chemistry".

The Kurt-Schwabe-Institut für Mess- und Sensortechnik e.V. Meinsberg (KSI) is a non-profit state institute with state-of-the-art equipment for conducting basic and application-orientated, innovative research in the fields of physical, chemical, electrochemical and biochemical sensor technology, as well as the associated development of novel sensor materials and their technical advancement including the construction of operational sensors and scientific instrumentation. The institute is committed to the training of early-career researchers in the above-mentioned fields.

You will be responsible for the scientific, personnel and economic management of KSI. As holder of the chair, you will have teaching duties of two to four hours per week during the semester in the field of appointment at TU Dresden. We also expect your willingness and ability to conduct courses in the English language as well as participation in academic self-administration. Your future research activities will primarily include research into new sensor materials, system miniaturisation for portable and flexible sensor technology and the use of sensor systems in medical diagnostics, environmental analysis, recycling and digitisation of agriculture, and the production and storage of renewable energies.

We are interested in you as an internationally proven academic personality in the field of appointment with leadership experience, who can demonstrate the successful acquisition of research contracts from industry and the public sector. We expect you to expand the KSI with its regional and supra-regional importance as an internationally visible centre for sensor technology and to be intensively involved in research alliances as well as in the promotion of next-generation researchers. Applicants must fulfil the employment qualification requirements of § 58 of the Act on the Autonomy of Institutions of Higher Education in the Free State of Saxony (SächsHSFG).

For further questions, please contact the head of the appointment committee, Prof. Alexander Eychmüller (Telephone: +49 351 463-39843; Email: alexander.eychmueller@tu-dresden.de).

Both TU Dresden and KSI seek to employ more female professors. Hence, we particularly encourage women to apply. Applications from candidates with disabilities or those requiring additional support are very welcome. TU Dresden is a certified family-friendly university and offers a Dual Career Service. If you have any questions about these topics, please contact the Equal Opportunities Officer of the Faculty of Chemistry and Food Chemistry (Dr. Anke Matura, +49 351 463-35505; anke.matura@tu-dresden.de) or the Representative of Employees with Disabilities (Mr. Roberto Lemmrich, +49 351 463-39782; schwerbehindertenvertretung@tu-dresden.de).

Please send your application in German or English with the required documents (curriculum vitae in tabular form, description of your academic and professional career, certificates, list of publications, copies of the five most important publications, list of previous teaching activities including the results of teaching evaluations of the last three years as well as a certified certificate of the highest academic degree obtained) until **07.12.2020** (stamped arrival date of the university central mail service applies) to: **TU Dresden, Dekan der Fakultät Chemie und Lebensmittelchemie, Herrn Prof. Dr. rer. nat. Dr.-Ing. habil. Thomas Henle, Helmholtzstr. 10, 01069 Dresden** and in electronic form (CD or via the SecureMail Portal of TU Dresden, <https://securemail.tu-dresden.de> to dekanat@chemie.tu-dresden.de). The application documents will be made available to the board of TU Dresden and the Kurt-Schwabe-Institut für Mess- und Sensortechnik e.V. Meinsberg.



Reference to data protection: Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>