Technische Universität Dresden (TUD), as a University of Excellence, is one of the leading and most dynamic research institutions in the country. Founded in 1828, today it is a globally oriented, regionally anchored top university as it focuses on the grand challenges of the 21st century. It develops innovative solutions for the world's most pressing issues. In research and academic programs, the university unites the natural and engineering sciences with the humanities, social sciences and medicine. This wide range of disciplines is a special feature, facilitating interdisciplinarity and transfer of science to society. As a modern employer, it offers attractive working conditions to all employees in teaching, research, technology and administration. The goal is to promote and develop their individual abilities while empowering everyone to reach their full potential. TUD embodies a university culture that is characterized by cosmopolitanism, mutual appreciation, thriving innovation and active participation. For TUD diversity is an essential feature and a quality criterion of an excellent university. Accordingly, we welcome all applicants who would like to commit themselves, their achievements and productivity to the success of the whole institution.

At the Faculty of Chemistry and Food Chemistry, the Chair of Inorganic Molecular Chemistry offers, subject to the availability of resources, a position as Research Associate / Postdoc (m/f/x) (subject to personal qualification employees are remunerated according to salary group E 13 TV-L) at the earliest possible date in a DFG funded project „Blueprint for a modern sustainable phosphorus chemistry“ (Reinhart Koselleck). The position is limited to 24 months with the option of extension. The period of employment is governed by Fixed Term research Contracts Act (Wissenschaftszeitvertragsgesetz - WissZeitVG).

**Tasks:** Sustainable synthesis of phosphorus fine chemicals and development of electrosynthetic pathways to recover process chemicals being used. Characterization of the obtained products and intermediates via electrochemical methods and spectroscopic methods such as NMR, UV-vis, IR/Raman, mass spectrometry and X-ray structure determination.

**Requirements:** university and PhD degree in chemistry; strong background in organic or inorganic molecular chemistry and proved experience in electrochemical methods; an integrative and cooperative personality with high teamwork abilities; interest in application-oriented chemical research. PC, Microsoft Office and chemical software handling knowledge. Confident presentation and summary of scientific results.

TUD strives to employ more women in academia and research. We therefore expressly encourage women to apply. The University is a certified family-friendly university and offers a Dual Career Service. We welcome applications from candidates with disabilities. If multiple candidates prove to be equally qualified, those with disabilities or with equivalent status pursuant to the German Social Code IX (SGB IX) will receive priority for employment.

Please submit your detailed application with the usual documents by **July 31, 2024** (stamped arrival date of the university central mail service of TUD applies) to: TU Dresden, Fakultät Chemie und Lebensmittelchemie, Professur für Anorganische Molekülchemie, Herrn Prof. Dr. Jan J. Weigand, Helmholtzstr. 10, 01069 Dresden, Germany or by sending it as a single pdf file to sekretariat.weigand@chemie.tu-dresden.de. (Please note: We are currently not able to receive electronically signed and encrypted data.). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.