



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG

Die Ressourcenuniversität. Seit 1765.

TU Bergakademie Freiberg · 09596 Freiberg

Institut für Organische Chemie
Theoretische und Ökologische Chemie

Prof. Dr. Gerrit Schüürmann

Clemens-Winkler-Bau, Raum 207
Telefon: 03731 / 39-3873 (Sekt. -3396)
Fax: 03731 / 39-3872 (Sekt. -3170)
Email: gerrit.schuurmann@chemie.tu-freiberg.de
Homepage: <http://tu-freiberg.de/fakultaet2/orgch>

Freiberg, March 2018

SMWK-Funded Project

Biomimetics and Natural Systems for an Effective Detection of Polar Pharmaceuticals, Pesticides and Other Bioactive Xenobiotics and Their Removal from Surface Waters

Announcement

The goal of this project carried out by the Institutes for Organic Chemistry, Technical Chemistry and Experimental Physics is to develop methods for an efficient monitoring and structural elucidation of bioactive polar organics in surface waters. The work includes the deployment of sampling devices in the field. In our Institute for Organic Chemistry of the Faculty of Chemistry and Physics, the position of a

Scientific Co-Worker

Salary: 13 TV-L Working Time: 50% Terminability: until 31.12.2020

with the working place Leipzig can be filled **as of now**. The envisaged research work provides the opportunity for an academic promotion (to Dr. rer. nat.).

Requirements:

- University degree (M.Sc. or diploma) in chemistry or neighbouring subjects
- Knowledge in applying chemical analytics for waterborne polar compounds (HPLC and LC-MS)
- Basic knowledge regarding the sorption of waterborne chemicals at artificial matrices
- Interest in research work in the lab as well as in the field, and working knowledge in English

For more information, please contact **Prof. Dr. Gerrit Schüürmann** (Freiberg, <http://tu-freiberg.de/fakultaet2/orgch>; Leipzig, <http://www.ufz.de/index.php?en=34243>) or **Dr. Albrecht Paschke** (Leipzig, <http://www.ufz.de/index.php?en=34243>, Tel.: +49-341-235-1508).

Institute for Organic Chemistry | Technical University Bergakademie Freiberg | Leipziger Str. 29 | 09596 Freiberg
Tel. +49-3731-39-3873 /-3396 (Secr.), Fax +49-3731-39-3872 / -3170 (Secr.) | Email gerrit.schuurmann@chemie.tu-freiberg.de

Department of Ecological Chemistry | Helmholtz Centre for Environmental Research – UFZ | Permoserstr. 15 | 04318 Leipzig
Tel. +49-341-235-1262, Fax +49-341-235-45-1262 | E-mail gerrit.schuurmann@ufz.de