



UNIVERSITÄT
LEIPZIG



The following professorship has to be filled at the Faculty of Physics and Earth Sciences of University of Leipzig starting on April 1st, 2019:

W3 Professorship **“Remote Sensing of the Water Cycle in the Earth System”**

The professorship has to be filled as a joint appointment with the **Helmholtz Centre for Environmental Research (UFZ)**.

The successful candidate is distinguished by an outstanding expertise in satellite-based remote sensing (passive and active) to monitor the Earth's water cycle and to understand – through direct or indirect measurements – the variability of hydrological processes over multiple space and time scales. It is a major strength of the applicant to develop novel approaches for extracting information and products (e.g. soil moisture time series, evaporation fluxes, water levels, precipitation rates, water quality attributes) from remote sensing data – one research focus could therefore be in the field of microwave remote sensing – and thus to foster hydrological applications as spatially distributed and process-related simulation models.

A close collaboration with the Institutes at the Faculty of Physics and Earth Sciences is expected as well as a substantial contribution to the Remote Sensing Centre for Earth System Research, a novel joint research initiative of Leipzig University and the Helmholtz Centre for Environmental Research (UFZ).

The successful candidate will head the new Department for Remote Sensing at the Helmholtz Centre for Environmental Research (UFZ) and will actively participate in the study programmes at the Faculty of Physics and Earth Sciences at Leipzig University. The position will be located at the UFZ in Leipzig.

We offer state-of-the-art infrastructure (e.g. High Performance Computing, Terrestrial Environmental Observatories – TERENO) and outstanding scientific opportunities to participate in interdisciplinary research programmes.

Further information about the scheduled Remote Sensing Centre for Earth System Research is given on www.physgeo.uni-leipzig.de/rsc/ and <http://www.ufz.de/index.php?de=43327>

Rights and obligations of the jobholder are within the Saxonian university law (Sächsisches Hochschulfreiheitsgesetz, SächsHSFG) and the Saxonian public service task regulation (Sächsische Dienstaufgabenverordnung, DAVOHS). Applicants must meet the requirements of § 58 SächsHSFG.

The Helmholtz Centre for Environmental Research (UFZ) and the University of Leipzig emphasizes the equality of women and men. Handicapped applicants are encouraged to apply and given preference if equally qualified.

Applications with the usual documents, enclosing detailed CV, a list of the scientific work and academic teaching including available records of teaching evaluations and a certified copy of the certificate of the highest acquired academic degree should be sent, preferably also in a digital format as one PDF-document, before **May 31st, 2018** to:

Universität Leipzig
Dekan der Fakultät für Physik und Geowissenschaften
Herrn Prof. Dr. Jürgen Haase
Linnéstraße 5
04103 Leipzig, Deutschland
dekan@physik.uni-leipzig.de

An application via email entails data protection and privacy risks. The sender therefore bears full responsibility.

It should be noted that the application documents for the joint appointment are also made available to the competent committees of the UFZ.