The Faculty of Biology, Chair of Botany offers a position as 01.09.2020 as a

**Research Associate (in full time)**
(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting 01.09.2020.

The position is limited until 30.06.2024. The period of employment is governed by Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG).

The position offers the chance to obtain further academic qualification (PhD).

**Tasks:**

Within the SFB / Transregio 280 we are looking for an engineer or biologist who is capable of conducting research in a transdisciplinary project combining botany and engineering. The main task will be the investigation of plant structural elements and materials which will later serve as models for new construction principles in carbon concrete components. As a biologist you should have a good knowledge of morphology, anatomy and biomechanics of plants and the willingness to familiarize with engineering specific aspects of material characterization and at least a basic understanding of finite element modelling. As an engineer the reverse is true. We offer an exciting interdisciplinary research environment within the framework of the SFB / Transregio 280 in close cooperation with many partners from engineering.

**Requirements:** university degree in Biology or Engineering

Applications from women are particularly welcome. The same applies to people with disabilities. Please submit your comprehensive application including the usual documents by 25.07.2020 (stamped arrival date of the university central mail service applies) by mail to: **TU Dresden, Faculty of Biology, Chair of Botany, Prof. Christoph Neinhuis, Helmholtzstr. 10, 01069 Dresden** or/preferably via the TU Dresden SecureMail Portal [https://securemail.tu-dresden.de](https://securemail.tu-dresden.de) by sending it as a single pdf-document to [christoph.neinhuis@tu-dresden.de](mailto:christoph.neinhuis@tu-dresden.de). Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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](https://tu-dresden.de/karriere/datenschutzhinweis)