



UNIVERSITÄT  
BAYREUTH



The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. The Faculty of Engineering Science at the University of Bayreuth is currently seeking to appoint a



## Full Professor of Ceramic Materials (Chair)

at pay grade W 3 (minimum salary per month: 7,118 euros) to commence on 1 April 2021. This is a permanent civil service position.

We are looking for someone with a strong engineering background who has in-depth knowledge and experience in the field of ceramic materials.

**With regard to research, expertise and relevant credentials in several of the following areas are required:**

- advanced technical ceramics
- composite ceramics
- precursor ceramics
- glass and glass technology
- glass-ceramic composites

The person to be appointed should also use innovative manufacturing processes (e.g. additive ceramic production, modern coating processes) and work on current topics on the material side, e.g. on Ultra High Temperature Ceramics (UHTC) or MAX phases. Experience in the field of cutting edge applications, e.g., in energy technology, process engineering, mechanical engineering or lightweight construction, is advantageous. Moreover, it is intended to establish the topic of digitization in materials research in Bayreuth.

Industry experience is encouraged. Managing staff and providing support for early-career scholars will be important tasks for the future postholder.

It is assumed that the professor's research group will raise third-party funds for its research projects to add to the appropriate basic equipment that is already available. Collaboration with existing chairs of the faculty and participation in cross-faculty focus areas such as Advanced Materials and cooperation with non-university institutions on site (especially Fraunhofer institutions) are expressly encouraged.

The professor will offer engineering lectures, tutorials and internships in the field of ceramic materials, which are important for bachelor's and master's degree programmes (in particular Materials Science & Engineering). Compulsory lectures must generally be held in German; other courses may be offered in English to facilitate international exchange. The ability to teach in English is expected.

The general administrative requirements for hiring professors at universities in Bavaria apply. A complete description of the vacancy can be found at [www.uni-bayreuth.de/en](http://www.uni-bayreuth.de/en).

Please send your cover letter and supporting documents (CV outlining education and academic career, list of publications, list of courses taught, a description of your research, as well as copies of all diplomas and certificates) as a single PDF file (up to 30 MB) to the Dean of the Faculty of Engineering Science, Prof. Dr.-Ing. Frank Döpfer ([dekanat.ing@uni-bayreuth.de](mailto:dekanat.ing@uni-bayreuth.de)), by 30 January 2020. The documents will be permanently disposed of in accordance with data protection law following the conclusion of the appointment process.