The University of Bayreuth is a research-oriented university with internationally competitive, interdisciplinary focus areas in research and teaching. In the context of setting up the new Upper Franconia Medical Campus, the Faculty of Mathematics, Physics & Computer Science at the University of Bayreuth is currently seeking to appoint a

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Full Professor of Ambient Assisted Living & Medical Assistance Systems

at salary grade W3 to commence as soon as possible. This will initially be a fixed-term civil service position limited to a period of five years.

The professorship is integrated into the Upper Franconia Medical Campus, a recently established cooperation that is expected to become a permanent fixture in the region. The Upper Franconia Medical Campus serves to train physicians in the new degree programme "Human Medicine Erlangen/Bayreuth" at Bayreuth Hospital under the auspices of the Medical Faculty of the Friedrich-Alexander University of Erlangen-Nuremberg. With this and other new professorships in medicine, the University of Bayreuth is creating an outstanding research environment at the Upper Franconia Medical Campus.

Applicants should represent the field of Ambient Assisted Living and Medical Assistance Systems in research teaching with one or more of the following focal points: IoT-based assistance systems, dynamic sensor systems, biometric systems, machine learning, compressed sensing, and distributed IT security. The professor will complement and expand the research opportunities of the clinical professors of the FAU Faculty of Medicine at the Upper Franconia Medical Campus with his or her medical-related field of expertise to create a research profile that is perceived on a transregional level. Applicants should be able to demonstrate the ability to engage in interdisciplinary collaboration through appropriate publications. Experience in acquiring third-party funding and active participation in knowledge transfer is a prerequisite. International networking is desired. Scientific excellence should be proven by internationally relevant publications in the field of sensor technology and assistance systems. Relevant teaching experience and an active contribution to academic self-administration are expected. Teaching is to be provided primarily at the Upper Franconia Medical Campus. The ability to teach in German and 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**.

Applications (CV including a list of publications, list of courses taught, experience obtaining external funding, as well as copies of certificates and diplomas) are to be addressed to the Dean of the Faculty of Mathematics, Physics & Computer Science, Prof. Dr. Volker Ulm, and submitted via **https://uni-bayreuth.berufungsportal.de** by **30 October 2022**. Applicants are welcome to direct questions and requests for further information to the Dean at **dekanat.mpi@uni-bayreuth.de**. Application documents will be deleted in accordance with data protection law following the conclusion of the appointment process.