

Hochschule Geisenheim University (HGU) offers both application-oriented bachelor programs and research-based master programs and has the right to award doctorates. As part of its strategic alignment to promote young scientists during their early professional career, Geisenheim University invites applications for the

**W1-Professorship (*with W2 tenure track*) (f/m/d)**  
**Digital Technology and Automation in the Production of Special Crops**  
**Chiffre P8/2020**

We are looking to fill the position as soon as possible. The position is a initially W1 fixed-term position with civil servant status for 6 years with tenure track to a tenured W2 position after a successful evaluation based on § 64 Hessian Higher Education act. The professorship is funded by the Tenure Track Program of the Federal Government and the Federal States.

**Scientific environment**

The professorship belongs to the Department of Agricultural Engineering (TE). Faculty in the Department are conducting research and teaching in a wide array of fields in engineering, technology, automation, crop sensing and precision farming.

**Responsibilities**

Responsibilities include research and teaching in the fields of digital technology, crop sensing and automation in the production of horticultural crops including grapevines. Special emphasize should be placed on the use of modern sensing technologies to optimize seeding and planting processes, crop management, GPS guided machines, innovative and precise proxy sensing in the production of special crops in combination with automation technology. The implementation of digital technology along the entire process chain from crop cultivation to the point of sale is central task for this position. The teaching load includes courses in German and English taught bachelor and master programs with 4 - 6 hours per week during the semester. Specific teaching assignments with a significant engineering component are embedded in the study programs on Horticultural Sciences, Food logistics and Viticulture and Oenology.

**Qualification**

We seek to appoint a junior scientist with excellent potential for high standard national and international research on digital technology, crop sensing and automation. A university degree and an outstanding doctoral degree or equivalent scientific qualification in biological and agricultural engineering, biological systems engineering, mechanical engineering, electrical engineering, or related fields are required. We expect pedagogic aptitude, including the ability to teach in German and English. First experiences with the acquisition of external funds are desirable. The candidate must be willing to serve and direct Bachelor, Master and Doctoral theses and to co-operate with other research and teaching units on campus. Participation in and performance of departmental and university service is expected.

**Our offer**

HGU acknowledges the value of diversity and strives to increase the diversity of its members. HGU provides excellent working conditions in a scientific community embedded in the research environment of the Greater Rhein Main Area. HGU is certified as a family-friendly university and encourages applications of candidates with family or at a family-planning stage. HGU is an equal opportunity employer. As such, we explicitly encourage applications from women. Applications from disabled persons with essentially the same qualifications will be given preference (please provide documentation).

**Your Application**

Please send your application (specifying the above-indicated Chiffre) in English or German, to arrive no later than October 15<sup>th</sup>, to Geisenheim University, Sachgebiet Personalmanagement, Von-Lade-Str. 1, D-65366 Geisenheim/Germany via E-Mail to [bewerbung@hs-gm.de](mailto:bewerbung@hs-gm.de) (PDF with no more than 10 MB). We are looking forward to receiving your supporting documentation such as CV, certificates, credentials, list of publications, teaching activities, short statement of research and teaching strategies as well as obtained third-party funding. For general information, Miss Lisa Keitz (Tel. 06722 502-277, [Lisa.Keitz@hs-gm.de](mailto:Lisa.Keitz@hs-gm.de)) can be contacted. For thematically focused inquiries please contact Prof. Dr. Peter Braun (Tel: +49 (0) 6722 502-566, E-Mail: [Peter.Braun@hs-gm.de](mailto:Peter.Braun@hs-gm.de)).

By sending the application, you agree that your personal data will be stored for the purposes of the appointment process. Information about HGU is available on [www.hs-geisenheim.de](http://www.hs-geisenheim.de).