

The University of Koblenz is the youngest university in Germany – while also preserving a long-standing academic tradition. A multitude of transdisciplinary research projects spanning several institutions concentrated on a compact campus favourably affects our university routine. As the interdisciplinary university in the north of Rhineland-Palatinate with more than 9,400 students, we live the knowledge – transformation – innovation triad in our four profile areas “Education”, “Computer Science”, “Culture and its Mediation” as well as “Material and Environment”.

We provide and conduct state-of-the-art teacher-training studies for all school types and maintain the transfer of our research results to civic society and regional businesses in a resilient and sustainable way. Join an aspiring university community and aid in advancing our further growth!

Faculty 4: Computer Science offers a permanent



university professorship (W3 per LBesG, conferring with civil-service status)

for Computer Vision (m/f/d)

at the Institute for Computational Visualistics which is to be filled by 01 October 2025.

The Computer Science profile area particularly focuses on "Data Intelligence": From various perspectives of computer science and its application areas, the faculty researches, teaches and further develops this complex of topics in cooperation with regional, national and international actors.

At the Institute for Computational Visualistics at Faculty 4: Computer Science, the focus is on the visual. The course of the same name (B.Sc. and M.Sc.) is a modern and innovative computer science course with a focus on computer graphics and image processing. However, it also includes topics from the fields of autonomous intelligent systems, robotics, human-machine interaction and artificial intelligence. The versatility of the course is particularly evident in the interdisciplinary area in cooperation with other departments: the course content includes art and design (including game design), visual psychology, cultural studies, humanities and natural sciences.

Computer vision and image processing are essential elements in teaching and research in the field of computer visualistics. The person to be appointed is expected to have relevant experience and a strong academic profile in these areas. In teaching, the

advertised professorship will teach theory and algorithms in the fields of image generation, image processing and computer vision as well as relevant techniques of artificial intelligence, in particular machine learning and deep learning, in the degree programs in Computational Visualistics and other degree programs at the University of Koblenz.

Participation in the further profiling of the Institute for Computational Visualistics is expected.

Key responsibilities:

The position holder will be responsible for representing the subject Computer Vision in research and teaching.

The position holder is expected to have an excellent international track record in Computer Vision. Research is expected to focus on algorithmic methods in computer vision (including learning methods and other AI methods), computer vision theory or applications of computer vision.

In addition, active engagement in the acquisition of third-party funding will be expected.

The position holder's responsibilities will include actively recruiting and developing young scientists.

The teaching load is currently nine hours per week per semester.

The position holder will be expected to teach in the courses of the subject specific degree programs and the discipline units of the teacher training degree programs.

Administering with examinations in all degree programs of the Faculty 4: Computer Science is also required.

The willingness to cooperate across and within disciplines and in general is a prerequisite.

It is also expected that the position holder will take on responsibilities in academic self-government.

The position holder will be expected to play a significant role in shaping the faculty, subject, or institute through her/his own ideas and emphases and actively generate initiatives that contribute to developing the profile.

Recruitment requirements:

The recruitment requirements of Section 49 of the Higher Education Act (HochSchG) of the State of Rhineland-Palatinate apply. The statute requires a completed higher education, a qualified doctorate in Computer Science or a closely related field, pedagogical aptitude and additional scientific achievements.

Experience in acquiring and managing externally funded projects is expected to be documented with an overview of past third-party funding activities. A research concept must also be presented.

Both good German and good English language skills are required, as courses are offered in both languages.

The State of Rhineland-Palatinate and the University of Koblenz advocate a concept of intensive student mentoring and therefore expect a high face-to-face presence at the university.

The University of Koblenz is a place of diversity and welcomes qualified applications by individuals from different backgrounds.

Women with equivalent aptitude, competence and professional performance are given preferential consideration in hiring, to the extent that as long as there is an under-representation. This ceases to apply when an applicant's caliber outweighs the requirement for gender equality. Questions regarding the compatibility of private life and career as well as matters of equal opportunities will be answered by the equal opportunities commissioner of the department Frau Prof. Dr. Karin Harbusch (harbusch@uni-koblenz.de).

Severely disabled applicants with identical qualifications are given preference in hiring.

For further information, please contact Prof. Dr. Ralf Lämmel (Dean of Faculty 4: Computer Science) (laemmel@uni-koblenz.de).

Applicants are asked to send their documents (curriculum vitae with academic background, certificates, research concept, overview of third-party funding, teaching concept, etc.) only **via e-mail in one PDF file** to **bewerbung@uni-koblenz.de** no later than **09.09.2024** marked with **the identification number 88/2024**.

www.uni-koblenz.de/karriere