

Seeking: Research assistant (m/f/d) with the possibility of a PhD in the field of deep learning with focus on deep generative models and uncertainty estimation.

We, the Chair of Multimedia Communications and Signal Processing, are looking to recruit a **research associate (m/f/d) (EG 13 TV-L, 100%, limited)** with the possibility of a PhD in the field of deep learning with focus on deep generative models and uncertainty estimation.

Your tasks:

- Research on generative models and uncertainty estimation.
- Independent scientific collaboration in the research activities of the chair.
- Interaction with partners and further development of research problems.
- Writing of scientific publications and presenting research results at international conferences.
- Contribution in the teaching activities (English and German) of the chair.

Your Background:

- You have completed your studies in electrical engineering, information technology, computer science, mathematics or physics or a related subject with above-average success.
- You have excellent knowledge of machine learning, deep learning, and/or computer vision, including the topics of generative adversarial networks, diffusion models, variational auto encoders and/or uncertainty estimation, out-of-distribution detection, anomaly detection.
- You have very good programming skills (e.g., Python, C/C++).
- You work independently and have good self-organisation skills.
- You are aiming for a PhD.
- You are interested in helping with teaching.
- You have very good written and spoken English and German skills.

We offer:

- A 100% position with remuneration in pay group 13 TV-L.
- Participation in innovative research projects of the chair.
- The opportunity to do a doctorate at the FAU Faculty of Engineering.
- A versatile, diverse, and challenging job.
- A modern, well-equipped workplace on the southern campus of FAU.
- Modern IT and laboratory equipment.
- An international team.
- Opportunities for further training and qualification.

Contact:

For further inquiries or applying, please contact:

Prof. Dr. Vasileios Belagiannis

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Email vasileios.belagiannis@fau.de

Expected documents for the application (send to Ms Walburga Summersammer walburga.summersammer@fau.de) Motivation letter, Curriculum vitae, transcript of grades, possible list of publications, two recommendation letters or references.