

**Faculty of Computer Science**

At the **Institute of Artificial Intelligence**, the **Chair of Machine Learning for Computer Vision** offers a position as

**Research Associate / Postdoc „Biological Image Analysis“ (m/f/x)**

(subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

starting at the **earliest possible date**. The position is limited for three years with the option of extension. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz-WissZeitVG). The position offers the chance to obtain further academic qualification (e.g. habilitation thesis). Balancing family and career is an important issue. The position is generally suitable for candidates seeking part-time employment. Please indicate your request in your application.

**Tasks:**

- curiosity-driven basic research of fundamental problems in the field of biological image analysis
- design and implementation of algorithms for solving these problems, exactly or heuristically, in practice
- empirical analysis and comparison of these algorithms in application to biological image data
- publication of findings and insights in leading international conferences and journals
- collaboration with biologists at the Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) and the Center for Systems Biology Dresden (CSBD)
- teaching in the Masters' Program Computational Modeling and Simulation (in English).

**Requirements:**

- doctoral degree in computer science
- very good university degree in mathematics, computer science or a related discipline
- publications on topics of image analysis or computer vision in top conferences (esp. CVPR, ICCV, ECCV, MICCAI, ICML, NeurIPS) or journals (esp. TPAMI, Medical Image Analysis, TMI)
- very good programming skills, preferably in C or C++, proven by code examples
- teaching experience
- very good scientific writing skills (in English).

Applications from women are particularly welcome. The same applies to people with disabilities.

Please submit your comprehensive application including the usual documents by **August 31, 2022** (stamped arrival date of the university central mail service applies) via the TU Dresden SecureMail Portal <https://securemail.tu-dresden.de> by sending it as a single PDF document to: [mlcv@tu-dresden.de](mailto:mlcv@tu-dresden.de) or to: **TU Dresden, Fakultät Informatik, Institut für Künstliche Intelligenz, Professur für Maschinelles Lernen für Computer Vision, Herrn Prof. Dr. rer. nat. Björn Andres, Helmholtzstr. 10, 01069 Dresden, Germany**. Please submit copies only, as your application will not be returned to you. Expenses incurred in attending interviews cannot be reimbursed.

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**Reference to data protection:** Your data protection rights, the purpose for which your data will be processed, as well as further information about data protection is available to you on the website: <https://tu-dresden.de/karriere/datenschutzhinweis>.