

## Postdoc Position

at the Institute for Zoology and Biocentre

With approximately 49,000 students, the University of Cologne is one of the largest universities in Germany and ranks among the Excellence Universities. It employs over 600 professors and 7,000 academic and non-academic staff.

This position is part of the EU funded project "Mech-Evo-Insect" which aims at a mechanistic and quantitative understanding of the transition between different mouthpart classes in insects using state-of-the-art workflows for shape characterisation and biomechanical analysis.

### YOUR TASKS

- » Being a post-doc position, the applicant principally can develop his own research initiative within this project framework. Therefore, a particular emphasis will be placed on the own ideas of the applicant and how these can be studied (ideally using a combination of both the post-docs' expertise and the expertise of the workgroup).
- » Applicants who are experts for other organisms besides insects should consider to apply since our approach includes comparative aspects on several taxonomic levels. We also welcome applications with a focus on methodological development in the fields of e.g. evolutionary modelling, GM, FEA or material testing.
- » The successful applicant is able to work independently, but actively participates in all activities of the workgroup including a considerable amount of two-way transfer of knowledge between the applicant and the host group.

### YOUR PROFILE

- » We are seeking a highly motivated applicant, ideally with a background in evolutionary morphology, biomechanics and/or imaging and with a doctoral degree in Biological Sciences, Engineering Sciences or Computer Sciences

### WE OFFER YOU

- » the possibility for a project in an emerging field within the biological sciences
- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The position is available from 01.11.2019 on a full-time basis. It is limited to 31.10.2022. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV- L of the pay scale for the German public sector.

The University of Cologne promotes equal opportunities and diversity in its employment relations. Women are strongly encouraged to apply and given priority in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We strongly welcome applications from individuals with severe disabilities or people of equivalent status. Severely disabled applicants of equal merit and qualifications will be given priority.

Apart from a full CV (including own publications and contact details of 2 referees), applications without photograph and without date of birth should contain a letter of motivation (5 pages or less) detailing your previous research experience and an outline of your research plans for this position (including aspects of the desired two-way transfer of knowledge). While detailing your future research, please take into account that you can plan with a considerable amount of research budget. Details will be communicated upon request, inquiries can be made with Alexander Blanke ([a.blanke@uni-koeln.de](mailto:a.blanke@uni-koeln.de)). The application (as a single pdf file) should be sent to the secretary of the Neurophysiology Department ([office-neuro-physiol@uni-koeln.de](mailto:office-neuro-physiol@uni-koeln.de)) with the reference number wiss1902-20. The deadline for application is June 30th 2019, the estimated start date would be November 2019.