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Announcement for a EU funded post-doc position (3 years)

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

— 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 applicants’ own ideas during the application process 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.

While extensive training will be available, the successful applicant also develops proficiency via attendance of workshops and self-motivated learning. The applicant will also have the opportunity to present their work at national and international conferences, and to collaborate with other research groups at an international and interdisciplinary level.

The position is paid at TV-L E13 100% for 36 months.

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).

The application (as a **single pdf** file) should be sent to the secretary of the Neurophysiology Department (office-neuro-physiol@uni-koeln.de) with the reference number **1902-20**. The deadline for application is **June 30th 2019**, the estimated start date would be November 2019.

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

