



Post-doctoral Researcher in Computational Behavioural Science

A 3-years post-doctoral research position is available in the laboratory of **Prof Leonida Fusani** at the Konrad Lorenz Institute of Ethology, University of Veterinary Medicine, Vienna, to study elaborate courtship displays of birds using state-of-the-art motion-capture and image processing methods.

We look for a candidate with experience in using **modern computational tools to study complex behavioural patterns**. We have acquired instruments to record elaborate courtship displays of birds in the field and laboratory and developed methods to analyze them using semi-automated tracking of the movements and recognition of the behavioural patterns. The successful candidate will join an enthusiastic group currently composed by one postdoc and three PhD Students who work on this specific topic.

Fusani holds a double appointment at the Konrad Lorenz Institute of Ethology (www.klivv.at) and the Department of Behavioural and Cognitive Biology, University of Vienna (becogbio.univie.ac.at), therefore, the post-doc will be able to use facilities and merge with scientists of both Institutions. The working language of the lab is English. More information about the laboratory can be found at fusanilab.org

Requirements:

- High **motivation**
- Strong background in **behavioural sciences**
- Specific background in applying **computational tools to study animal behaviour**
- Excellent **publication** record
- Proficiency in **English**
- Excellent **writing** skills
- Strong **programming and data analysis** skills

Further desirable qualifications:

- Prior post-doctoral experience
- Independence (i.e. grants, work in different labs)
- International scientific collaboration experience

Applications should include a CV, a letter of motivation, and a writing sample *produced by the candidate* (not, e.g. a copy-edited manuscript with multiple authors). A one-page description of prior work, or future research plans would be adequate. Applications should be sent to bewerbungen@vetmeduni.ac.at and in cc to renate.hengsberger@vetmeduni.ac.at by **June 30th, 2020**. Please mention **Job Nr. 2020-0513** in the subject line.

References from the **last two academic advisors** are requested (e.g. from Master and PhD thesis supervisor or from post-doc hosts). If these are not available, the applicant should explain why not. References should be sent directly by the referees via email to bewerbungen@vetmeduni.ac.at and in cc to renate.hengsberger@vetmeduni.ac.at. Please ask the reviewers to write Job Nr. 2020-0513 in the subject line.

The top candidates will be contacted in July for an interview by teleconferencing. The successful applicant should be ready to start in Vienna in **Autumn 2020** at latest.