



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 help us develop and implement motion-capture and image processing methods to study elaborate courtship displays of birds.

We look for a candidate with experience in developing and 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. To fully exploit the potentialities of our equipment, we search a person who can interface biologists and computer scientists in further developing our recording and computational tools. Although the work will focus on computing work, the hired scientist will be welcome to participate to field work in Central America if desired.

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 (<https://www.klivv.at>) and the Department of Behavioural and Cognitive Biology, University of Vienna (<https://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

Gross salary starts from € 54,446 / year. Vienna ranks constantly among the cities with the highest quality of life worldwide, although the cost of life is moderate compared to many other capitals. You can compare Vienna with your current residence at <https://www.numbeo.com/quality-of-life/>.

People interested in the job should contact Leonida Fusani at leofusani@gmail.com or Cliodhna Quigley cliodhna.quigley@univie.ac.at including a CV. Applicants should be ready to start in Vienna in **Autumn 2020**.