Postdoc in computational inference for evolutionary studies

A 22 month postdoc position is available at the Studenec campus of the Institute of Vertebrate Biology, Academy of Sciences of the Czech Republic (http://www.ivb.cz/working-places-external-research-facility-studenec.html) within the framework of the EU funded project "**Next-generation technologies in evolutionary genetics"** to apply multilocus population genetics approaches to the analysis of genomic data, in particular analysis of dense SNP data from admixture systems, inference over combined geographic and genomic data from hybrid zones and introgression analyses of natural species barriers.

The successful candidate will have wide interests and a thirst for deep understanding. They will be intellectually mature, quick to learn, but slow to rush to hasty conclusions. They will have experience in several of the following: algorithmics, population genetics, probability, inference, high dimensional visualisation, information theory, evolution, languages, the scientific method. They will be interested in several more of these topics. The postdoc academic advisors are trained in computer science, population genetics, classical genetics and have long experience of inference in evolutionary studies. The candidate’s existing and proposed work will be judged on its quality and utility to the scientific community rather than gross number of publications. Those hoping for large numbers of hasty publications need not apply.

The Studenec campus is situated in woods beside a lake in the Czech highlands, half an hour from Brno, the second city of the Czech Republic. The region’s rolling hills and woods are popular with cyclists. The candidate will work in the joint office and lab building recently constructed with funding from **Academy of Sciences of the Czech Republic**. The campus faculty are heavily biased toward early-career researchers, with a good gender balance at all levels, many young families and shared crèche/childcare services. On campus work discussion is in international English, though an initial high level in English is not required for the postdoc, only a willingness to learn. The position is well suited to candidates who wish to broaden their experience and skills in an area of evolutionary study that will always be in demand, while at the same time maintaining a healthy work/life balance.

Candidates should submit a short CV and letter of interest to Stuart JE Baird (stuartj.e.baird*@*gmail.com) and Josef Bryja (bryja@brno.cas.cz). These will be read directly by the academic advisors and interviews will be held until a suitable candidate is found.

The deadline for applications is 31st of August 2013, the contract can start as early as September 2013.