

**PhD Position in Statistics/Probability at Ghent University, Department of
Applied Mathematics, Computer Science and Statistics**

Promoter : Prof. Christophe Ley

Duration: max. 4 years

Requirement: Master degree in mathematics or statistics.

Starting date: As soon as possible from 1st February onwards

Description: This is a PhD position related to the BOF Starting Grant "Probabilistic distances and Bayesian statistics: new insights on and methods for the choice of the prior" obtained by the promoter. The choice of the prior is a key aspect in Bayesian statistics. In the literature there exist many different proposals of priors and diverging opinions on which prior to use when. The goal of this project is to tackle this problem from a new angle by importing probabilistic distances from probability theory. No special knowledge about Bayesian statistics is required. The PhD position also includes a short research stay at Oxford University.

Application: A full application consists of ONE SINGLE PDF file which contains

- a cover/motivation letter,
- a comprehensive CV,
- two names of reference persons.

Please, submit your application via email to christophe.ley@ugent.be.

Applications will be accepted until the position is filled, but all applications received before January 15, 2017 will receive full consideration.