

*** PhD position in Bern ***

UNIVERSITY OF BERN
(INSTITUTE OF MATHEMATICAL STATISTICS AND
ACTUARIAL SCIENCE)

PhD POSITION in PROBABILITY THEORY

Funding from the SNF (Swiss National Science
Foundation) is available
for a PhD student (3 years) to work on the project
'Poisson

approximation and extreme values in stochastic
geometry' awarded by
SNF to Prof. Ilya Molchanov and Dr. Matthias Schulte.
The whole

project funds two PhD positions and one PostDoc and
focuses on topics
such as the Malliavin-Chen-Stein method, extreme
values in stochastic
geometry, random simplicial complexes and metric
measure spaces.

The advertised PhD position will be supervised by Ilya

Molchanov. The research topics concern properties of point processes in metric measure spaces, related extreme values, and some generalisations of convex hulls involving marked point processes. Interactions with other members of the team will be encouraged. It is anticipated that the prospective PhD student has a background in mathematics with emphasis on probability theory.

The salary will be at the level foreseen by the SNF, see http://www.snf.ch/SiteCollectionDocuments/allg_doktorierende_d.pdf.

There is a possibility to complement the salary by taking up teaching and statistical consulting duties in the department. The starting date is September 2018 or as can be arranged by a mutual agreement.

Applications (cover letter, CV, transcripts from the

studies, and
e-mail address of an academic referee) should be e-
mailed as a single
pdf file to

Prof. Ilya Molchanov
ilya.molchanov@stat.unibe.ch

Deadline: 25/February 2018. E-mail enquiries are
welcome.