

UNIVERSITY OF BERN  
INSTITUTE OF MATHEMATICAL STATISTICS AND  
ACTUARIAL SCIENCE

## 2 PhD POSITIONS

We invite applications for 2 PhD positions in several areas of research pursued by professors of the institute.

- 1) Probability theory (with emphasis on stochastic geometry, point processes, stable laws; supervised by Ilya Molchanov).
- 2) Mathematical statistics (with emphasis on empirical processes and nonparametric statistics; supervised by Lutz Dümbgen).
- 3) Statistical data science (with emphasis on forecasting and kernel-based methods; supervised by David Ginsbourger and/or Johanna Ziegel).

The salary will be at the level foreseen by the Swiss

National Foundation, see

[http://www.snf.ch/SiteCollectionDocuments/  
allg\\_doktorierende\\_d.pdf](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 February 2022 or as can be arranged by mutual agreement.

The applications should be submitted in a single pdf file, which includes a cover letter (indicating one of the areas mentioned above as the preferred field of research), CV, transcripts from Bachelor and Master Studies, and e-mail addresses of two academic referees. Please, also send a copy of your master thesis as a separate file. If you have not completed your master thesis yet, please provide an outline of your thesis topic and the expected date of completion. The evaluation of applications starts on the 10th of October 2021. Later applications will be also considered, if the positions are not filled by that time.

Applications should be e-mailed to the institute at

<[office@stat.unibe.ch](mailto:office@stat.unibe.ch)>

and addressed to the Director of the Institute, Prof. Johanna Ziegel.

Further information is available from Profs. Lutz Dümbgen, David Ginsbourger, Ilya Molchanov and Johanna Ziegel.