

Doctoral Researchers

Ecole/Institution/Société:

University of Jyväskylä, Finland / Jyväskylä

Discipline:

Applied Mathematics, Statistics

Type d'emploi::

Full-time

Date de publication:

2021-03-06

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Doctoral Researchers In Mathematics Or Statistics

Qualifications we are looking for

- The selected Doctoral Researchers will be assigned to the appropriate research group in the department. The Doctoral Researcher must apply to the doctoral school of the University of Jyväskylä and be accepted as a doctoral student of mathematics or statistics.
- Your research area must be related to some of the research areas of the Department of Mathematics and Statistics which you can read about in more detail on our department's website.
- The tasks of a Doctoral Researcher focus on research regarding the completion of a doctoral thesis in the University of Jyväskylä, on doctoral studies, and on assisting teaching tasks as well as other related tasks.
- The duties, qualification requirements and language skills of Doctoral Researchers are stipulated by the University of Jyväskylä Regulations and language skills guidelines (Doctoral Students). A good command of English is required.
- We are looking for the most promising researchers who have recently completed their Master's degree or are about to complete it. For the position of Doctoral Researcher, a Master's degree certificate is required to be sent to the University of Jyväskylä.

What does the University of Jyväskylä offer as an employer?

At the University of Jyväskylä, you are a recognized member of our community with a unique opportunity to influence international research. You get to participate in our international and multidisciplinary community where the welfare of each individual is important. At the University of Jyväskylä, we offer a great and lively campus area with opportunities to maintain an active and healthy lifestyle.

Finland has a high standard of living, with free schooling (also in English), affordable childcare, good family benefits, and healthcare. Jyväskylä is located in central Finland in the Finnish lakeland and has excellent opportunities for different nature, outdoor, and sports activities.

The city of Jyväskylä is a major educational center and the city has a large student population. As such there is a vibrant cultural scene in the city. To find useful information about the University of Jyväskylä, the City of Jyväskylä and living in Finland, see the University's International Staff Guide.

The annual salary will be approximately 28,000 EUR for the Doctoral Researcher (gross income,

including holiday bonus). As the thesis work progresses, the salary will be revised in accordance with the collective agreement of Finnish Education Employers. A trial period of six months will be used in the beginning of the employment.

How to apply

- Please attach the following documents in PDF-format:
- A curriculum vitae, composed according to good scientific practice and considering the template for researcher's curriculum vitae by The Finnish Advisory Board on Research Integrity and including contact details of 1-2 referees.
- A cover letter including a statement of the applicant's research interests and merits. Emphasize relevance to the research done at the department.
- Relevant certificates / diplomas.
- Applicants are kindly asked to submit their applications using the online.

For further information, please contact the Head of Department, Professor Tero Kilpeläinen, tero.kilpelainen@jyu.fi, tel. +358 40 805 3432.

- The Department of Mathematics and Statistics at the University of Jyväskylä in central Finland is a world class research institution training mathematicians and statisticians for diverse jobs in industry, education, and academic research.
- The main research areas in the department are mathematical analysis and geometry, stochastics, inverse problems, and statistics with their applications.
- In mathematical analysis and geometry the research is focused on geometric analysis, nonlinear partial differential equations, and geometry of metric groups. In stochastics the key research area is stochastic analysis.
- The research group in Inverse problems focuses its research on inverse problems in geometry and partial differential equations. These have applications eg in medical and industrial imaging. In statistics the areas of research are computational statistics, causal models, design, nonparametric and robust multivariate methods, biometry, and environmental statistics.
- The department is a member of the networks of the Finnish Center of Excellence in Inverse Problems.

The University of Jyväskylä is a human-centered environment of 2,500 experts and 14,500 students. Our goal is to create wisdom and wellbeing for all. JYU's naturally beautiful campus is located in the heart of the city of Jyväskylä. JYU is the third largest employer in Central Finland.

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