



Doctoral student in Mathematical Statistics

Lund University was founded in 1666 and is repeatedly ranked among the world's top universities. The University has around 47 000 students and more than 8 800 staff based in Lund, Helsingborg and Malmö. We are united in our efforts to understand, explain and improve our world and the human condition.

Lund University welcomes applicants with diverse backgrounds and experiences. We regard gender equality and diversity as a strength and an asset.

Job Assignments

The main topic of the research will be analysis of discrete-time stochastic processes and interacting particle systems, with a focus on history-dependent random processes and possibly models related to random geometry. The analysis of such models uses a broad spectrum of probability theory, including e. g. results from martingale theory, random graphs theory and percolation. The project also aims to contribute to the study of evolvments of social networks.

Eligibility/Entry Requirements

The candidate is supposed to have a good knowledge of mathematics at graduate level. In particular, merits for graduate courses in probability theory, stochastic processes, and measure theory-related courses should be above average level. Successfully passed courses in discrete mathematics, statistical physics and graph theory are also desirable.

The candidate must have (or obtain within 3 months after 1/9 2015) a Master Degree in Mathematics / Mathematical Statistics, or a relevant equivalent degree.

Basis of Assessment

The employment of doctoral students is regulated in the Swedish Code of Statutes 1998:80. Only those who are or have been admitted to PhD-studies may be appointed to doctoral studentships. When an appointment to a doctoral studentship is made, the ability of the student to benefit from PhD-studies shall primarily be taken into account. In addition to devoting themselves to their studies, those appointed to doctoral studentships may be required to work with educational tasks, research and administration, in accordance with specific regulations in the ordinance.

Type of employment

Limit of tenure, four years according to HF 5 kap 7§.

Within the Faculty of Science research and education is conducted within Biology, Astronomy, Physics, Geosciences, Chemistry, Mathematics and Environmental Sciences. The Faculty of Science is organized into eight departments, gathered in the northern campus area in Lund. The Faculty of Science has approximately 1500 students, 330 PhD students and 700 employees.

We kindly decline all sales and marketing contacts.

Type of employment	Temporary position
First day of employment	2015-09-01

Salary	Monthly salary
Number of positions	1
Full-time equivalent	100 %
City	Lund
County	Skåne län
Country	Sweden
Reference number	PA2015/192
Contact	Stanislav Volkov/Professor, +46 46 222 95 38
Union representative	SACO:Saco-s-rådet vid Lunds , +46 46 222 93 64, kansli@saco-s.lu.se OFR/S:Fackförbundet ST:s kansli, +46 46 222 93 62, st@st.lu.se
Published	2015-03-18
Last application date	2015-05-01
Link to ad	http://lu.varbi.com/what:job/jobID:59794/