

Jobbnorge-ID: 148743

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

PhD position in free probability and non-commutative algebra

A new PhD fellowship in free probability and non-commutative algebra is available at the Department of Mathematical Sciences at NTNU. The successful candidate will be offered a three-year position. The Department may offer a six to twelve month extension as a teaching assistant. The work place will be Trondheim.

About the research project

The project lies at the intersection of free probability theory, stochastic integration theory, and non-commutative algebra. On the theoretical side it aims at studying group theoretical aspects in free probability theory. This is complemented by exploring applications in non-commutative (free) stochastic analysis.

The candidate should combine a good knowledge of classical and/or free probability theory and stochastic analysis with a pertinent interest in modern algebra and combinatorics.

Qualifications

The applicant must have a master's degree in mathematics or comparable competence, and must also satisfy the requirement for entering the PhD programme at NTNU; please see <http://www.ntnu.edu/ie/research/phd>.

The admission to PhD education at NTNU requires an average grade of A or B within a scale of A-E for passing grades (A best) for the last two years of the MSc, and C or higher for the BSc.

MSc students in their final year are also invited to apply. Employment will then be postponed until the master's degree is finished.

The applicants who do not master a Scandinavian language must document a thorough knowledge of English (equivalent to a TOEFL score of 600 or more).

The application

The application must include the following:

- Information about education background and work experience
- Any relevant publications. Joint work will only be considered provided that a short summary outlining the applicant's contributions is attached.
- Certified copies of relevant transcripts and diplomas. Candidates from universities outside Norway are kindly requested to send a Diploma Supplement or similar documentation, which describes in detail the programme of study, the grading system, and the rights to further studies associated with the degree obtained.
- Contact information for two references.
- Documentation of fluency in the English language

Applications are to be submitted electronically through www.jobbnorge.no. Preferably, the attachments should be submitted as a single file.

Terms of employment

The appointment of the PhD fellows will be made according to Norwegian guidelines for universities and university colleges and to the general regulations regarding university employees. Applicants must agree to participate in organized doctoral study programs within the period of the appointment and have to be qualified for the PhD-study.

The positions adhere to the Norwegian Government's policy of balanced ethnicity, age and gender. NTNU wishes to increase the number of women in its workforce, and female candidates are therefore encouraged to apply.

The PhD fellowship is placed in salary code 1017, with a gross salary of NOK 435 100 per year before tax. A pension contribution of 2% of the salary will be deducted as an obligatory premium to the Norwegian Public Service Pension Fund.

For further information, please contact

Kurusch Ebrahimi-Fard (kurusch.ebrahimi-fard@ntnu.no).

Reference no: IE 026-2018

Closing date: 30.03.2018

Tilleggsinformasjon

Arbeidssted: