PhD Research Fellow in Dynamical Systems, Several Complex Variables and Algebraic Geometry

Job description

Position as PhD Research Fellow in Dynamical Systems, Several Complex Variables and Algebraic Geometry available at Department of Mathematics, Faculty of Mathematics and Natural Sciences, University of Oslo.

No one can be appointed for more than one PhD Research Fellowship period at the University of Oslo. Starting date no later than 01.10.2020.

The fellowship period is 3 years and devoted to carrying out a project entitled devoted to carrying out the project #300814 funded by Research Council of Norway. The project focuses specially on several topics in dynamics of birational maps and automorphisms, rationality problem and computer algebra, an open question related to Weil's Riemann hypothesis and Oka theory in the algebraic setting. The successful candidate is expected to attend and present work at internal seminars, as well as external conferences, and go on research visits. The successful candidate is also expected to contribute to the project’s webpage. More details can be enquired with Tuyen Trung Truong tuyentt@math.uio.no.

Qualification requirements

The Faculty of Mathematics and Natural Sciences has a strategic ambition is to be among Europe's leading communities for research, education and innovation. Candidates for these fellowships will be selected in accordance with this, and expected to be in the upper segment of their class with respect to academic credentials.

- Master’s degree or equivalent in Mathematics.
- Documented strong research backgrounds and potentials in the research areas encompassed in the project.
- Foreign completed degree (M.Sc.-level) corresponding to a minimum of four years in the Norwegian educational system
- Candidates without a Master's degree have until 30 June, 2020 to complete the final exam.

Grade requirements:

The norm is as follows:

- the average grade point for courses included in the Bachelor’s degree must be C or better in the Norwegian educational system
- the average grade point for courses included in the Master’s degree must be B or better in the Norwegian educational system
- the Master’s thesis must have the grade B or better in the Norwegian educational system
- fluent oral and written communication skills in English

English requirements for applicants from outside of EU/EEA countries: [http://www.mn.uio.no/english/research/phd/application/application.html](http://www.mn.uio.no/english/research/phd/application/application.html)

The purpose of the fellowship is research training leading to the successful completion of a PhD degree.

The fellowship requires admission to the PhD programme at the Faculty of Mathematics and Natural Sciences. The application to the PhD programme must be submitted to the department no later than two months after taking up the position. For more information see:

[http://www.uio.no/english/research/phd/](http://www.uio.no/english/research/phd/)

[http://www.mn.uio.no/english/research/phd/](http://www.mn.uio.no/english/research/phd/)

Personal skills

- Motivation to researching new and challenging questions.
- Ability to conduct research in a collaborative environment.
- Ability to study new subjects and become independent in thinking and researching.

We offer

- Salary NOK 479 600 - 523 200 per annum depending on qualifications and seniority as PhD Research Fellow (position code 1017)
- Attractive welfare benefits and a generous pension agreement
- Vibrant international academic environment
- Career development programmes
- Oslo’s family-friendly surroundings with their rich opportunities for culture and outdoor activities
How to apply

The application must include

- Cover letter - statement of motivation and research interests of maximum 3 pages. The cover letter should mention also a vision of how you will contribute to the project.
- CV (summarizing education, positions and academic work - scientific publications) of maximum 3 pages.
- Copies of the original Bachelor and Master’s degree diploma, transcripts of records.
- Documentation of English proficiency
- List of publications and up to 5 academic work that the applicant wishes to be considered by the evaluation committee
- Names and contact details of 2-3 references (name, relation to candidate, e-mail and telephone number). Letters of recommendation must be sent directly from the reference writers to Tuyen Trung Truong tuyentt@math.uio.no by the application deadline.

The application with attachments must be delivered in our electronic recruiting system, please follow the link “apply for this job”. Foreign applicants are advised to attach an explanation of their University's grading system. Please note that all documents should be in English (or a Scandinavian language).

Applicants may be called in for an interview.

Formal regulations

Please see the guidelines and regulations for appointments to Research Fellowships at the University of Oslo.

No one can be appointed for more than one PhD Research Fellowship period at the University of Oslo.

According to the Norwegian Freedom of Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results etc.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

Contact information

For further information please contact: Tuyen Trung Truong, phone: +47 228 55932, e-mail: tuyentt@math.uio.no.

For information regarding the recruitment system please contact: HR adviser Nina Holtan, phone: +47 228 54424, e-mail: nina.holtan@mn.uio.no.

About the University of Oslo

The University of Oslo is Norway’s oldest and highest rated institution of research and education with 28 000 students and 7000 employees. Its broad range of academic disciplines and internationally esteemed research communities make UiO an important contributor to society.

Department of Mathematics is part of the Faculty of Mathematics and Natural Sciences. The Department is engaged in research covering a wide spectrum of subjects within mathematics, mechanics and statistics.

Jobbnorge-ID: 183896, Søknadsfrist: 30. april 2020