Postdoctoral Research Fellowship in Algebraic Geometry

Job description

A position as Postdoctoral Research Fellow in Algebraic Geometry is available at the Department of Mathematics, Faculty of Mathematics and Natural Sciences, University of Oslo.

The fellowship period is for 2.5 years. No one can be appointed for more than one Postdoctoral Research Fellowship at the University of Oslo. Starting date no later than 1/10.

The supporting grant for this position is part of the project ”Orthogonal gauge duality & non-commutative geometry” funded by the Research Council of Norway. The candidate should have research interests related to the themes of this project, which are the homological algebra of algebraic varieties (e.g. derived categories, semi-orthogonal decompositions, non-commutative K3 surfaces) and moduli spaces and enumerative geometry of sheaves/curves (e.g. Donaldson-Thomas/Gromov-Witten invariants).

Moreover, we seek candidates whose research interests enhance and complement the research group in algebraic geometry. These include for example birational geometry, complex geometry, moduli spaces, and classical algebraic geometry. Information about the Algebraic Geometry group at UiO can be found here: http://www.mn.uio.no/math/english/research/groups/algebra/

The main purpose of a postdoctoral fellowship is to provide the candidates with enhanced skills to pursue a scientific top position within or beyond academia. To promote a strategic career path, all postdoctoral research fellows are required to submit a professional development plan no later than one month after commencement of the postdoctoral period.

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.

- The candidate must have a PhD or other corresponding education equivalent to a Norwegian doctoral degree in mathematics. Candidates without a PhD title (or equivalent) should obtain the degree before the starting date of the postdoctoral position. Appointment is dependent on the public defence of the doctoral thesis being approved.
- The doctoral dissertation must have been submitted for evaluation by the closing date of this job posting.
- The candidate must have documented research experience in algebraic geometry. Work related to homological algebra in algebraic geometry or to enumerative geometry is an advantage.
- The successful applicant should be highly motivated, have the capability to work independently as well as in collaboration with members of the research group, and have good communication skills.
- Good oral and written communication skills in English are required.

We offer

- salary NOK 523 200 - 605 500 per annum depending on qualifications in position as Postdoctoral Research Fellow (position code 1352)
- a professionally stimulating working environment
- Postdoctoral development programmes
- attractive welfare benefits and a generous pension agreement, in addition to Oslo’s family-friendly environment with its rich opportunities for culture and outdoor activities

How to apply

The application must include

- cover letter
- CV (summarizing education, academic positions and academic work)
- research statement describing past work and future research directions of interest
- a complete list of publications
- copies of up to 5 most relevant research articles to be considered for evaluation
- copies of educational certificates (academic transcripts only)
- copy of doctoral dissertation
- list of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number)
Letters of recommendation. These can also be submitted directly to either of the contact persons listed below.

The application with attachments must be delivered in our electronic recruiting system. 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).

In assessing the applications, special emphasis will be placed on the documented academic qualifications, as well as the candidates motivation and personal suitability. Interviews with the best qualified candidates will be arranged.

Formal regulations

Please see the guidelines and regulations for appointments to Postdoctoral fellowships at the University of Oslo.

No one can be appointed for more than one Postdoctoral Fellow 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 regarding the position, please contact: Project Manager Jørgen Vold Rennemo, e-mail: jorgeren@math.uio.no

For questions regarding the recruitment system, please contact: HR adviser Nina Holtan, 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: 185737, Søknadsfrist: 27. april 2020