



UNIVERSITETET I BERGEN

**University of
Bergen**
Department of
Informatics

The University of Bergen (UiB) is an internationally recognised research university with more than 14,000 students and close to 3,500 employees at six faculties. The university is located in the heart of Bergen. Our main contribution to society is excellent basic research and education across a wide range of disciplines.

Researcher in Algorithms - temporary employment

There is a vacancy for a researcher at the Department of informatics within the field of Algorithms. The position is for a period of two years with preferred starting date December 1, 2017. It is associated with the project CLASSIS: The renaissance of graph classes - New algorithmic theory of forbidden induced subgraphs, financed by the Research Council of Norway.

About the Department

The Department has 6 research groups: Algorithms, Bioinformatics, Optimization, Programming Theory, Reliable Communication and Visualization. The Department is ranked first in Norway with respect to the quality of its research by the Research Council of Norway. For more information visit our web pages: <http://www.uib.no/en/ii>

About the project/work tasks

The project CLASSIS concerns fundamental research in algorithmic graph theory, in particular within the field of graph classes. A complete classification of the computational complexities of graph problems related to graph classes is aimed. The main outcome of the project will be a modern theory of algorithmic research involving graph classes, with a set of new tools and methods that can be applied to large areas of problems. The project requires team members with deep understanding of and broad background in not only algorithms, but also graph theory, combinatorics, and discrete mathematics. The team members work in close collaboration with the project leader, Professor Pinar Heggernes.

Qualifications and personal qualities:

- The applicants must hold a Norwegian PhD or an equivalent degree in computer science or mathematics, or must have submitted his/her doctoral thesis for assessment prior to the application deadline. It is a condition of employment that the PhD has been awarded.
- The applicants must have background in and experience from graph algorithms, algorithmic graph theory, graph classes, discrete mathematics, and combinatorics.
- Personal skills will be emphasized. The candidates must have a great capacity for work and enthusiasm for research.
- The applicant must be able to work independently and in a structured manner, and have the ability to cooperate with others.
- Proficiency in both written and oral English is required.

We can offer:

- A good and professionally challenging working environment
- Salary at pay grade 57 (code 1109/pay range 24, alternative 1) according to the state salary scale upon appointment. This constitutes a gross annual salary of NOK 490 900. Further increases will be made according to length of service (grades 57-65). For particularly highly qualified applicants, a higher salary may be considered.
- Enrolment in the Norwegian Public Service Pension Fund
- A position in an inclusive workplace (IW)
- Good welfare benefits

Your application must include:

- A brief account of the applicant's research interests and motivation for applying for the position.
- The names and contact information for two referees. One of these must be the main advisor from the PhD programme.
- CV
- Transcripts and diplomas or official confirmation that the doctoral thesis has been submitted
- Relevant certificates/references
- A proposal of how the applicant aims to contribute to the project CLASSIS.
- List of any works of a scientific nature (publication list)
- Publications

The application and appendices with certified translations into English or a Scandinavian language must be uploaded at Jobbnorge.

Closing date for applications: June 15, 2017.

General information

Detailed information about the position can be obtained by contacting the project leader, Professor Pinar Heggernes (<http://www.ii.uib.no/~pinar/>).

The state labour force shall reflect the diversity of Norwegian society to the greatest extent possible. Age and gender balance among employees is therefore a goal. People with immigrant backgrounds and people with disabilities are encouraged to apply for the position.

We encourage women to apply. If multiple applicants have approximately equivalent qualifications, the rules pertaining to moderate gender quotas shall apply.

The University of Bergen applies the principle of public access to information when recruiting staff for academic positions.

Information about applicants may be made public even if the applicant has asked not to be named on the list of persons who have applied. The applicant must be notified if the request to be omitted is not met.

Further information about our employment process can be found [her](#).

Jobbnorge ID: 138880, Deadline: Closed