

University of Bergen
Institutt for informatikk

The University of Bergen (UiB) is situated in the centre of the city of Bergen. The university has about 14.300 students and about 3.300 faculty and staff members. The UiB is known for its high European research standard and houses a number of centres of excellence. We have a strong international profile and cooperate closely with other universities all over the world.

Professor in visualization

The Department of Informatics has a vacancy for a professor in visualization.

The successful applicant to the chair will be required to take part in teaching and examination programmes in force at any time and to comply without additional remuneration with any amendments that may be introduced by legislation with regard to curriculum, pension schemes and retirement age.

Stress will be laid on research leadership experience as well as experience in coordinating research activities and in strategic research planning. Candidates should be able to demonstrate strong interpersonal skills and the ability to work and communicate well with others in a team environment.

Basic teaching training is a requirement. The successful candidate will be offered appropriate training if this requirement has not been met before the appointment.

Reference is made to "Rules of Procedure for Appointments to Chairs at the University of Bergen", which are available on the Internet at <http://www.uib.no/mnfa/regler/temporary-regulations-prof.pdf>

A description of the position with details of curriculum and area of responsibility, particular duties and other circumstances which will be stressed at the time of appointment **is available below.**

For further information about the position please contact Professor Helwig Hauser: Helwig.Hauser@ii.uib.no, phone: +47 55 58 43 80 **or Head of Department Petter Bjørstad:** Petter.Bjorstad@ii.uib.no, phone: +47 55 58 41 71.

The teaching language will normally be Norwegian.

Salary will be in the range of 72-76 (code 1013) in the Civil Service pay grade table according to qualifications; currently NOK 604,200-654,800 gross p.a. In the case of particularly highly qualified applicants higher salaries may be considered.

The successful applicant must comply with the guidelines that apply to the position at any time.

Women in particular are invited to apply. If, in the opinion of the evaluation committee, several applicants have approximately equivalent qualifications, the rules on equal opportunities laid down in the Personnel Regulations for Academic Positions will be applied.

State employment shall reflect the multiplicity of the population at large to the highest possible degree. The University of Bergen has therefore adopted a personnel policy objective to ensure that we achieve a balanced age and sex composition and the recruitment of persons of various ethnic backgrounds. Persons of different ethnic backgrounds are therefore encouraged to apply for the position.

The University of Bergen adheres to the principles of public openness when recruiting staff to scientific positions. Hence, the evaluation committee's report will be disclosed (in full detail, and not anonymised) to all of the applicants.

Information about the applicant may be made public even though the applicant has requested not to be named in the list of applicants. The applicant will be notified if his/her request is not respected.

Applicants must state the works or parts of works they wish to be given particular attention in the evaluation of their applications. These should not exceed 15 in number.

Send electronic application, CV, certificates and diplomas by clicking on the button marked "APPLY FOR THIS JOB" on this page.

Applications are encouraged and should consist of:

- 1) Letter of motivation
- 2) Tentative research agenda, next 5 years
- 3) Complete CV, including publications, project experience
- 4) Names and contact details of at least 2 references
- 5) The applicant's 15 most significant publications (as judged by the applicant)

Works in progress must be mentioned in the application and must be submitted within a month of the application deadline.

Applications sent by e-mail to random individuals at the department will not be considered.

Closing date for applications: 22 December 2011

Quote case no. 2011/12003

Description of the position

The Department of Informatics was established in 1984 and is located in the High Technology Centre in Bergen, Norway. The goal of the Department is to provide education and conduct research in informatics on a high international level. The Department has 22 permanent faculty members, 4 adjunct professors, and an administrative staff of 7. It also has 10 post-docs, 6 researchers and 40 PhD-students, the majority financed by external sources. The Department offers education at the Bachelor, Master, and Doctorate level. The Department has 6 research groups: algorithms, bioinformatics, optimization, programming theory, secure communication and visualization.

The Visualization Group (www.i.uib.no/vis) is the newest research group at the Dept. of Informatics. Currently, 1 prof. (H. Hauser), 1 associate prof. (I. Viola), 1 PostDoc, 3 part-time researchers, 10 PhD students work on *visualization research*, including *illustrative visualization* and the *interactive visual analysis* of data from *medicine*, the *geosciences* (and the *oil & gas sector*), from *climate research* and *bioinformatics*, etc. The group coordinates 2 large cooperative research projects: the EC-funded FET-Open project SemSeg and the NFR-funded IllustraSound project. The VisGroup has a clear orientation towards HQ research, e.g., by publishing in TVCG and CGF and by presenting at VisWeek and EuroVis. A tradition of organizing scientific events has already been established: after NorVis07, ClimaVis08, and IllustraVis09, the group hosted EuroVis in 2011. In 2007, a new *visualization Master study program* was set up for UiB students of computer science (dimensioned 120 ECTS in two years) with courses on computer graphics, visualization, etc. The VisGroup adheres to the principle that good (and hard) work *only* is possible if it is also fun - the good atmosphere in the group is of high importance, accordingly!

Applicants are advised to **verbosely document their experiences with** *teaching* and *research*, including information about *previously taught courses*, *coached students*, etc., as well as their *scientific track record*, incl. their *publication list* as well as information about their *research projects* and information about their *fund raising activities* and their *leadership qualifications*. Applicants should, of course, also describe their *research interests*, esp. also in terms of *possible research plans for this position*.

A brief documentation of their *scientific network* and past/current *scientific cooperation* should be included. Additionally, applicants are requested to formulate their *motivation* to apply for this position as well as their view on *how to integrate with the group* in their own words - we expect a *close, but still complementary fit* with the existing VisGroup and its visualization focus.

The department is also recruiting new faculty within the fields of bioinformatics and optimization. The best qualified applicant will be evaluated relative to the best candidates from the other two subject areas. The department will then extend an offer to the overall best applicant. In the case of exceptionally good

candidates, more than one offer may be considered.

The teaching language will normally be Norwegian. The successful applicant must be able to teach in Norwegian or one of the other Scandinavian languages within two years of his/her appointment.

Basic teaching training is also a requirement, but the successful applicant who does not have such competence at the time of his/her appointment will be offered training and will be required to produce evidence of such training within one year of the date of appointment. This deadline is extended to two years for the successful applicant who does not master a Scandinavian language at the time of appointment.

Reference is made to the University's General Regulations which state that as part of the normal duties of the position, the successful applicant may also be required to undertake teaching, supervision and work in connection with examinations in his or her particular field outside the organisational unit to which the appointment belongs.

The former Senate emphasised that teaching qualifications are to be given real weight in appointments to middle and top academic positions. Applicants must produce evidence of their own teaching qualifications. This can be done by submitting, for instance:

- evidence of completed teaching training
- evaluation reports of the applicant's teaching
- overview over scope and level of teaching
- overview over supervision of post-graduate and doctoral candidates, and results obtained
- student awards received
- own teaching publications
- own teaching compendia and material
- reports showing participation in projects related to the development of teaching, such as alternative forms of teaching, supervision or teaching environments

If there are applicants of both sexes with approximately equivalent qualifications, the female applicant shall be ranked before the male pursuant to the rules on equal opportunities.