



University of Bergen

Institutt for informatikk

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.

Postdoctoral fellow / PhD position in medical visualization

In a new research project, coordinated by GE Vingmed Ultrasound and supported by the Research Council of Norway in its BIA programme, a three year position as postdoctoral fellow alternatively PhD candidate is available in Bergen. The vacant position is associated with the visualization research group (www.i.uib.no/vis) at the Department of Informatics, which is focused on advanced 3D visualization of ultrasound data.

The other partners in this project, entitled "Photorealistic Visualization of the Heart with Future 3D Imaging Technology", are the University of Oslo and SINTEF.

About the position and required qualifications

Postdoctoral fellow

We seek primarily a postdoctoral candidate with a strong competence in advanced 3D visualization of ultrasound data. Competence in advanced 3D visualization will thus be considered highly relevant as well as competence in the acquisition and/or processing of ultrasound data, e.g., US imaging technology or image processing of US data. Background in GPU programming will be considered highly relevant, as well as the potential for successful research.

The postdoctoral position is a fixed-term post, the chief objective being to qualify the selected candidate for work in senior positions in their disciplines. The term of employment for this position is 3 years. It is not possible for any person to work under more than one temporary appointment as postdoctoral fellow for the same institution.

Applicants must have achieved a doctorate in informatics/computer science or equivalent, or have presented the dissertation for assessment by the closing date for applications. It is a prerequisite that the dissertation has been approved before appointment is granted.

Starting salary on grade 57 (code 1352/pay framework 24.1) in the Civil Service pay grade table; currently NOK 468,400 gross p.a.; following ordinary meriting regulations (wage range 57-65). In the case of particularly highly qualified applicants a higher salary may be considered.

If no well-qualified postdoctoral candidates apply, well-qualified PhD candidates will be considered.

PhD candidate

Applicants are required to verbosely document their background in visualization (or computer graphics). A solid background in mathematics and/or physics, preferably in physics related to ultrasonography, is expected. It will be considered as an advantage if a candidate can document substantial experiences with visualizing and/or processing of ultrasound data.

Applicants must have achieved a master's degree or equivalent in informatics/computer science, or have submitted their master thesis for assessment by the application deadline. It is a prerequisite, however, that the formal admission requirements for the PhD programme are met before appointment can be made.

The research fellow must take part in the University's approved PhD programme leading to the degree within a time limit of 3 years. Application for admission to the PhD programme, including a project plan outline for the training module, will be worked out in collaboration with a supervisor. The fellowship period may be reduced if the successful applicant has held previous employment as research fellow or similar.

Starting salary on grade 50 (code 1017/pay framework 20.8) in the Civil Service pay grade table; currently NOK 416,600 gross p.a.; following ordinary meriting regulations (wage range 50-57).

For further information please contact Helwig.Hauser@UiB.no or Ivan.Viola@UiB.no

For both positions

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. We have 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 applies 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.

Send electronic application, CV, certificates, diplomas and testimonials as well as scientific works, including a list of publications, by clicking on the button marked "APPLY FOR THIS JOB" on this page.

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

Closing date for applications: 20 December 2012

Quote reference number: 2012/12296

JobbnorgeID: 88720, Deadline: 20.12.2012, Internal reference: 2012/12296