



Description of a vacant PostDoc fellowship position in visualization

The Department of Informatics at the University of Bergen, Norway, announces a four-years Post-Doctoral fellowship position in the research field of visualization. Applicants to the open position are sought who

- are willing (and able) to substantially support the *teaching*, which is required to continuously offer the UiB Master study program on Visualization to students of Computer Science (as well as to support undergraduate teaching in Computer Science), involving the teaching of respective courses, coaching of students during their projects (especially also including their Master thesis project), etc.,

and who

- have a strong potential for successful visualization *research* on an international level (also in the context of collaborative research [1]). Preferences with respect to selected directions of visualization research are welcome as long as they blend well with the ongoing (and with the planned) research activities of the visualization group. It is important that the competences of the applicant match what is required by the application fields which are addressed by the visualization group, including medical applications, the oil&gas industry, meteorology / climate research, etc.

[1] collaboration with students, fellow researchers, application fields, and colleagues from the international scientific community

The PostDoc researcher will be member of the visualization research group at the UiB Department of Informatics. The visualization group (www.iu.uib.no/vis) is the newest of the six research groups at this department. Currently one prof. (H. Hauser), one associate prof. (I. Viola), seven PhD students, and several Master students work on medical visualization, the interactive visual exploration and analysis of data from the oil & gas sector, from meteorology & climate research, as well as from other application fields. The group publishes scientific results in world-wide best-possible journals and conference proceedings. The visualization group adheres to the principle that good (and hard) work *only* is possible if it is also fun to work – the good atmosphere in the group is of high importance, accordingly.

At UiB, the group offers a visualization Master study program to students of computer science (dimensioned 120 ECTS in two years) with courses on computer graphics, visualization, special topics in visualization, etc.

The UiB Department of Informatics has in total 20 professors / associate professors, 5 adjunct professors, a supporting staff of eight, approximately 45 PhD students and 15 post doctoral

UNIVERSITETET I BERGEN
INSTITUTT FOR INFORMATIKK
HØYTEKNOLOGISENTERET, 5020 BERGEN
Tlf. 55 58 42 00
Telefax 55 58 41 99



UNIVERSITY OF BERGEN
DEPARTMENT OF INFORMATICS
HØYTEKNOLOGISENTERET,
N-5020 BERGEN, NORWAY
Ph. +47-55 58 42 00
Fax +47 55 58 41 99

researchers. The scientific staff is organized into six research groups: algorithms, bioinformatics, optimization, programming theory, secure communication, and visualization. Each research group is responsible for research in its field and for teaching courses within its subject area.

We expect the new PostDoc in Visualization to (a) help with offering the UiB Master study program in visualization, to (b) strengthen ongoing / planned visualization research, to (c) support PhD projects in the group through collaboration, and to (d) help with the acquisition of funding for new research projects.

Applicants are advised to verbosely document their experiences with teaching and research, including comprehensive information about previously taught courses, coached students, etc., as well as their scientific track record, including their publication list, etc.. 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 (no longer than one page).

Interested candidates can contact prof. Helwig Hauser (helwig.hauser@uib.no, +47/55584380) for more information.