PhD position in Computer Science/HCI at MediaFutures: Research Centre for Responsible Media Technology & Innovation

UiB - Knowledge that shapes society
Through robust and close interaction with the world around us - globally, nationally and locally - we shall be instrumental in building a society based on knowledge, skills and attitudes.

Do you want to take part in shaping the future?

Video: https://www.youtube.com/watch?v=JRdMR-PhbBQ&t=4s

PhD position
There is a vacancy for a PhD position in Computer Science/Human-Computer Interaction (HCI), researching multi-device hyper personalization, at MediaFutures: Research Centre for Responsible Media Technology & Innovation at the Department for information science and media studies, University of Bergen. The position is for 4 years and 25 % of the time is compulsory duties at the department.

MediaFutures is a new centre for research-based innovation at the Department for information science and media studies, University of Bergen, and will be located at Media City Bergen. The centre is a part of the Norwegian Research Council’s Research-based Innovation scheme. MediaFutures will in cooperation with industry partners from news media and media technology research topics like media experiences, recommender technology, content production and analysis, content interaction and availability, and Norwegian language technology. The goal is to develop responsible technological solutions to societal challenges like AI, fake news, echo chambers and political polarization. The results will be new digital tools, analytical methods and content types for the future of media. The center will also perform research training within media technology and innovation. This will create outputs such as new patents, prototypes, research articles and software, as well and innovative start-up companies.

Read more about the centre at www.mediafutures.no.

About the PhD position and work tasks:
The position will be part of Work Package 4 “Media Content Interaction & Accessibility”, and will specifically focus on tasks 4.2 “Methods and tools for higher levels of interactivity and accessibility” and 4.3 “HCI for advanced interactivity with linear media” or 4.5 “Accessibility for linear media experiences”. The nature of the tasks may change as the project/centre progresses and new task may be assigned.

The main objectives of this PhD position include:
- Conceptualizing and develop innovative user interfaces for rich-content interaction
- Engineering innovative and testable prototypes for single-user and multi-user scenarios
- Innovative design of mobile applications (including use of smartwatch/smartphone/AR)
- Innovative and futuristic uses of mobile device embedded sensors and displays
- Software development towards a platform serving a wider HCI research community
- Evaluate user interfaces taking into account important competing factors
- Conduct controlled user studies, collect, and analyze experimental data
- Publish at top-level conferences such as ACM CHI, ACM UIST, ACM CSCW, and ACM ISS

The position reports to the Centre Director.

Qualifications and personal qualities:
The applicant must hold a master's degree in Computer Science, Information Science, Informatics, or equivalent, and the degree has to be completed by the application deadline.

The requirements are generally a grade B or better on the Master thesis and for the Master degree in total.

As an applicant you should be able to work independently, have a considerable work capacity as well as an enthusiasm for research.

You should have good coding skills and be able to design, develop and evaluate innovative user interfaces.

Fluent in English, willingness to learn some Norwegian.

Shortlisted candidates will be invited for an interview.

About the PhD position:
The duration of the PhD position is 4 years, of which 25 per cent of the time comprises obligatory duties associated with research, teaching and dissemination of results. The employment period for the successful candidate may be reduced if he or she previously has been employed in a PhD position.

About the PhD training:
As a PhD research fellow, you will take part in the doctoral educational programme at the Faculty of Social Sciences, UiB. The programme corresponds to a period of three years and leads to the submission of the PhD dissertation. To be eligible for admission you must have completed a Master degree. The educational background must be equivalent to a five-year Master education, including a two-year Master degree and a Master thesis at least 30 ECTS. It is expected that the topic of the Master degree is connected to the academic field to which you are seeking admission.

We can offer:
- Salary at pay grade 54 (Code 1017/Pay range 20) in the state salary scale. This currently amounts to an annual salary of NOK 491,200 before taxes. Further promotions are made according to qualifications and length of service in the position.
- A good and professionally challenging working environment
- Enrolment in the Norwegian Public Service Pension Fund
- Good welfare benefits


Your application must include:
- A cover letter (1-2 pages) including a brief account of your research interests and motivation for applying for the position
- The names and contact information for two reference persons. One of them must be the main advisor for the master's thesis or equivalent thesis
- CV, including a 1-page portfolio presenting your three most relevant projects and a list of academic publications
- Transcripts and diplomas showing completion of the bachelor's and master's degrees
- Relevant certificates/references
- Academic publications that you want to submit for assessment (including your master’s thesis or equivalent)
- If you have a master’s degree from an institution outside of the Nordic countries, or a 2-year discipline-based master’s degree (or the equivalent) in a subject area other than the one associated with the application, you may later in the application process be asked to submit an overview of the syllabus for the degree you have completed

The application and appendices with certified translations into English or a Scandinavian language must be uploaded at Jobbnorge following the link on this page marked “Apply for this job”.

Closing date: August 30, 2021. The application must be marked: 21/9625

Incomplete applications or applications sent as e-mails will not be considered. Only submitted documents will be subjected to an expert assessment.

General information:
Additional information about the position is obtainable by contacting Centre Director, Professor Christoph Trattner, e-mail Christoph.Trattner@uib.no, phone (+47) 45 39 61 80.

Practical questions regarding the application procedures should be directed to Adviser - HR, Bodil Hægland, e-mail: bodil.hagland@uib.no.

Appointed research fellows will be admitted to the PhD programme at the Department of Information Science and Media Studies. Questions about the programme may be directed to Adviser-PhD: Hanne.Gravermoen@uib.no.

The state labour force shall reflect the diversity of Norwegian society to the greatest extent possible. People with immigrant backgrounds and people with disabilities are encouraged to apply for the position.

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.

The successful applicant must comply with the guidelines that apply to the position at all times.

For further information about the recruitment process, click here.
Life as a PhD candidate at UiB
Marion Claireaux tells about life and work as a PhD candidate at UiB.
Video: https://www.youtube.com/watch?v=nrtp6VxMeJ4&index=2&list=PLf8ZIYfAO0qhROTi6StHDbSScapISO6G

About The University of Bergen
The University of Bergen is a renowned educational and research institution, organised into seven faculties and approximately 54 institutes and academic centres. Campus is located in the centre of Bergen with university areas at Nygårdshøyden, Haukeland, Marineholmen, Møllendalsveien and Årstad.

There are seven departments and three centres at Faculty of Social Sciences. Read more about the faculty and departments.

Jobbnorge-ID: 209730, Søknadsfrist: 30. august 2021