

Jobbnorge-ID: 137678

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

Research Fellow in the use of Virtual and Augmented Reality in Maritime Training and Assessment

The Faculty of Technology, Natural Sciences and Maritime Sciences has a vacancy for a position as Doctoral Research Fellow in the use of Virtual and Augmented Reality in Maritime Training and Assessment from 01.10.2017.

The position is attached to the Department of Maritime Operations and reports to the Head of Department. The place of employment is HSN Campus Vestfold.

Qualifications

Applicants to the PhD position must have a Master's degree or equivalent higher education qualifications in engineering, human factors or social sciences with grade B or better. The applicant must have gained the degree within the commencement date of the PhD project. Master students graduating this year may also apply.

Applicants who do not master a Scandinavian language must provide evidence of good English language skills, written and spoken.

Admission to the doctoral programme in Nautical Operation is a condition for appointment as a research fellow.

The staff at the faculty work within subject teams to a large extent, and the candidate must be motivated to share his or her knowledge and cooperate. Personal suitability for the position will be emphasized.

The candidate should have competency and interest in the following areas: human factors, training and assessment methods, virtual reality, augmented reality, computational tools, and knowledge of experimental design and research methods. A maritime background is an advantage for this position. In addition to formal qualifications, the candidate must have a personal motivation for research, ability to work independently and focused, ability to work in multidisciplinary and multicultural teams, strong communication skills and a strong command of the English language.

Information about the position

The Doctoral Research Fellow will work within the Innovating maritime training simulators using Virtual and Augmented Reality (InnoTraining) project, funded by the Research Council of Norway. InnoTraining aims to test and develop advanced maritime training simulators using virtual and augmented technologies. The goal of the project is to create flexible, inexpensive and mobile Future Training Simulators to enhance the performance of maritime operators, with the purpose of contributing to a more efficient, productive and safer maritime industry. The successful candidate will contribute to the human factors research within the project, focusing on the training and assessment issues relating to maritime operator skill development and simulator pedagogy.

In close collaboration with Kongsberg Digital AS (who are responsible for the technological competencies in simulation hardware and software operation/development within InnoTraining), as well as with domestic and international academic project partners, the Doctoral Research Fellow will work within a dynamic, multidisciplinary project environment. The successful candidate will work within the Training and Assessment Research Group (TARG) at HSN and be responsible for the design, testing and analysis of various training methodologies and technologies with human subjects. Results will be communicated to project partners and used to develop and refine state-of-the-art simulator technologies and training and assessment knowledge.

For further information about the project please visit: <http://targlab.com/targ-and-kdi-awarded-a-grant-of-13-million-for-vr-research>

The appointment is for either a period of three years, with out teaching duties, or for a term of four years with 25% teaching duties.

For further information concerning the position please contact: Anne Kari Botnmark, Head of Department, +47 31 00 90 22 / +47 993 77 872 or Salman Nazir, Associate Professor, +47 31 00 96 54/ +47 934 38 466.

We offer

- A professionally stimulating working environment.
- Good opportunities to develop your career and your academic skills
- A good social environment
- Attractive welfare benefits in the [State Pension Plan](#)
- Opportunity for physical activities within working hours

Salary

The position is placed in the state salary scale 50 (code 1017, LR 20.8). Further promotion will be based on service in the position. In special cases, employment in code 1378 may be considered. Code 1378 is placed in the state salary scale at levels 50-68. A statutory contribution will be made from the employee's salary to the state pension plan.

Additional information

The Academic Appointments Board is responsible for appointments to academic positions at University College of Southeast Norway. An expert assessment of applicants will be carried out. Short-listed candidates will be called in for interviews and must be prepared to present and discuss their projects.

The successful applicant must comply with the laws, regulations and agreements that apply to the position.

It is an aim of personnel policy that the academic staff of University College of Southeast Norway should reflect the composition of the general population. It is therefore a personnel policy objective to achieve a balanced age and gender composition on the faculty and to recruit people from ethnic minority backgrounds. People from ethnic minority backgrounds are encouraged to apply for the position.

There are few women employed in research positions at the Department, and consequently women are especially encouraged to apply.

According to the Norwegian Freedom of Information act § 25 2 paragraph, information about the applicant may be included in the public applicant list, even though the applicant has requested non-disclosure. The applicant will be informed if his/her request has been declined.

How to apply

University College of Southeast Norway uses online applications. We therefore ask applicants to register their application and CV online by clicking on the "Send application" link to the right. The application must include the following documents:

- Cover letter (stating your motivation in the project and relevant competencies)
- CV, summarizing education, experience and other qualifying activities
- A copy of your Master's thesis
- Certified copies of educational certificates (Master's and Bachelor's). This years Master's student must send a temporary transcript of records and final Certificate when achieved
- A complete list of publications (if any)
- Three references (contact information)

Please note that all documents must be translated into English or a Scandinavian language by an authorized translator.

Tilleggsinformasjon**Arbeidssted:**