



Jobbnorge ID: 155245
Deadline: 8/20/2018
Website: <http://www.uio.no/>
Scope: Fulltime
Duration: Permanent

Senior Engineer

Motion Capture Engineer

About the position

A permanent position as Senior Engineer (SKO 1181) is available at the Department of Musicology at the University of Oslo. The engineer will work in the [fourMs lab](#), which is primarily in use by projects affiliated with [RITMO Centre for Interdisciplinary Studies in Rhythm, Time and Motion](#).

The appointed engineer will be part of a small support team working between labs, but with main responsibility for the [fourMs Lab](#). This is a world-class facility with advanced motion capture systems (Qualisys, Xsens, etc.) and sound spatialisation systems.

RITMO is a Centre of Excellence funded by the Research Council of Norway, and focuses on rhythm as a structuring mechanism for the temporal dimensions of human life. RITMO researchers work in a unique interdisciplinary constellation, with world-leading competence in musicology, psychology and informatics. The researchers have access to state-of-the-art facilities in sound/video recording, motion capture, eye tracking, physiological measurements, various types of brain imaging (EEG, fMRI), and rapid prototyping and robotics laboratories.

Job description

- Responsibility for the daily operation of the [fourMs Lab](#)
- Procurement, installation, support and maintenance of equipment in the lab
- Support researchers with all phases of running experiments in the lab
- Develop routines for data management, including assisting researchers in developing data management plans, handling of privacy issues, and storage/archiving of data
- Train researchers and IT staff in the skills needed to use the equipment in the lab

Qualification requirements

- Masters degree in a relevant field. The applicant is required to document that the degree corresponds to the profile for the post. Relevant experience may compensate for lack of formal education.
- Experience with infrared, marker-based motion capture systems (Qualisys, Vicon, or similar).
- Skills and interest in research data management.

In addition, it is desirable with:

- experience with other motion capture systems (inertial, optical, etc.), physiological measurements (EMG, ECG, EEG, etc.), and/or eye tracking
- skills in Matlab, Python and/or other relevant programming languages
- experience with sound recording/processing

Personal skills

- Good communication skills, including the ability to “translate” technical terms and expressions to an understandable language for researchers
- Excellent collaboration skills
- Pedagogical skills
- Fluency in oral/written English

We offer

- salary NOK 524 200 - 619 300 per annum depending on qualifications in a position as Senior Engineer, position code 1181
- attractive welfare benefits and a generous pension agreement, in addition to Oslo's family-friendly environment with its rich opportunities for culture and outdoor activities

How to apply

The application must include:

- cover letter statement of motivation
- CV (summarizing education, positions and academic work)
- copies of educational certificates (academic transcripts only)
- evt. documentation of english proficiency
- list of reference persons: 2-3 references (name, relation to candidate, e-mail and phone number)

The application (evt.) with attachments must be delivered in our recruiting system.

Application deadline: 20 August 2018

Formal regulations

Interviews with the best qualified candidates will be arranged.

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

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Contact information

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Head of Administration Målfrid Hoaas (for administrative inquiries), +47 22844428, malfred.hoaas@imv.uio.no

HR Adviser Hilde Kristine Sletner (for questions regarding Jobbnorge), e-mail: h.k.sletner@hf.uio.no

About the University of Oslo

The University of Oslo is Norway's oldest and highest ranked educational and research institution, with 28 000 students and 7000 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

RITMO Centre for Interdisciplinary Studies in Rhythm, Time and Motion

is financed through the Research Council of Norway's Centre of Excellence Scheme. RITMO combines a broad spectrum of disciplines - from musicology, neuroscience and informatics - to study rhythm as a fundamental property of human cognition, behaviour and cultural expression. The Centre is organized under the Department of Musicology, in close collaboration with the Department of Psychology and the Department of Informatics.

Additional information

Place of service:

Nedre Blindern 0316 Oslo (Oslo Municipality)