

*The University of Agder offers more than 150 study programmes and an active and leading research environment. We emphasize respect, openness and the ability to show commitment and pride concerning both your own and others' results. Our 1200 staff and 12000 students enjoy daily life and scholarly activities at our modern and functional campuses in Kristiansand and Grimstad.*

## **Professor/Associate Professor/Assistant Professor in Mechatronics with specialization in Hydraulics**

The University of Agder invites applications for a full-time, permanent position as Professor/Associate Professor, Assistant Professor in mechatronics within hydraulics, at the Department of Engineering, Faculty of Engineering and Science. The position is currently located at Campus Grimstad, Norway. The starting date is negotiable with the Faculty.

The Department of Engineering Sciences has more than 90 employees in scientific positions, and more than 1500 students at all levels. A variety of research is being conducted within all the groups Mechatronics, Renewable Energy, Civil Engineering and Industrial Economy, and we also welcome interdisciplinary projects within the department or with other research groups. This position will be associated with the Mechatronics Group. We have a broad international cooperation and we have a close cooperation with industrial partners and public services in the region. This is a benefit both to teaching and research. The partners contribute with assignments, competence and resources.

### **The position**

We offer studies in Mechatronics at all levels, from bachelor's to PhD. Our new colleague is expected to contribute to ordinary activities within research and teaching. This includes contributing in the teaching at all levels, so experience with supervising and teaching is an advantage. A part of the research tasks will be carried out in cooperation with our industrial partners.

### **Qualifications**

The successful applicant should have experience within design and analysis of hydraulic systems. Experience from industrial work in offshore, mobile- and process-related industry or experience from cooperation with this kind of industry is desired. The applicants are also expected to possess practical skills in several of the following areas: analysis of hydraulic components and systems, multi body dynamics, measurement techniques, instrumentation, hydraulic servo systems, programming, modeling and simulation of mechatronic systems (hydraulics, mechanics and control).

We also expect applicants to master simulation software like LabView, Matlab/Simulink or SimulationX, and production of drawings and models in 3D CAD.

It is expected that the successful applicant will be an active researcher or have the talent and competence to become an active researcher and that our new colleague will be contributing to ongoing research projects and to define and establish future research project proposals. In addition, the candidate is expected to be a good colleague who contributes to institution- building in cooperation with the professional environment.

The successful applicant must be able to work independently, be service minded and have a flexible attitude towards internal and external project partners.

Information about the appointment criteria for positions as Professor/Associate Professor/Assistant Professor can be found in the [Regulations concerning appointment and promotion to teaching at research posts](#).

Documented relevant practical pedagogical skills on the basis of education or instruction and guidance are required. Applicants who lack formal teacher training qualifications will be required to obtain such qualifications, or complete UiA's Foundation Course in Education for University Lectures within a period of two years.

Emphasis will also be given to the applicants' teamwork skills and personal suitability.

In the ranking of the applicants emphasis will be given to the applicant's competence and specializations for the description above and in relation to the needs of the Department.

The languages of instruction are Norwegian and English. The successful candidate should preferably be proficient in oral and written English.

The University of Agder offers Norwegian language courses to international employees with little or no knowledge of Norwegian and facilitates participation in such courses. Permanently employed staff is expected to acquire good command of oral and written Norwegian within a period of two years. This is to be documented by passing the Bergen test with a score of 450 points.

Short-listed applicants will be invited for interviews and trial lectures. With the applicant's permission, UiA will also conduct a reference check.

### **Remuneration**

The position is remunerated within the State salary scale, salary plan 17.510, code 1013 Professor, gross salary per year NOK 621 800-907 900 or code 1011 Associate Professor, gross salary per year 489 300-648 100 or code 1009 Assistant Professor, gross salary per year

NOK 435 500 -577 400. In the case of particularly highly qualified applicants, a higher salary may be considered. A 2 % compulsory pension contribution to the Norwegian Public Service Pension Fund is deducted from the pay according to current statutory provisions.

The Norwegian public service is committed to reflecting the diversity of society in its workforce, and the personnel policy of the University of Agder aims to achieve a balanced workforce. All qualified persons are therefore encouraged to apply for the position, irrespective of cultural background, gender, age or disability.

Women are especially encouraged to apply.

The successful applicant will have rights and obligations in accordance with the current regulations for the Civil Service. Organizational changes and changes in the duties and responsibilities of the position must be expected.

Appointment is made by the University of Agder's Appointment Committee for Teaching and Research Positions.

### **Application**

Submit your application and CV online. Please click on the link "**Apply for this job**". The following documentation should be submitted as attachments to the online application:

- diplomas and certificates
- list of publications
- selected scientific publications (max 10) or links

The applicant is fully responsible for submitting complete documentation electronically within the deadline. Complete documentation is required to be included in the assessment process/ Only submitted documentation is included in the assessment process. All documentation must be in a Scandinavian language or English.

### **Closing date: 16.05.17**

For further information please contact Head of Department, eadProfessor Rein Terje Thorstensen, tel. + 47 37 23 30 00, e-mail [rein.t.thorstensen@uia.no](mailto:rein.t.thorstensen@uia.no) or Associate Professor Morten Kjeld Ebbesen, tel. + 47 37 23 32 07, e-mail [morten.k.ebbesen@uia.no](mailto:morten.k.ebbesen@uia.no).

In accordance with §25(2) of the Freedom of Information Act, applicants may request that they are not identified in the open list of applicants. The University, however, reserves the right to publish the name of applicants. Applicants will be advised of the University's intention to exercise this right.

In case of discrepancies between the Norwegian and the English versions of this description, the Norwegian version takes precedence.

Jobbnorge ID: 131857, Deadline: Closed