



The University of Agder has more than 1400 employees and 13 000 students. This makes us one of the largest workplaces in Southern Norway. Our staff research, teach and disseminate knowledge from a variety of academic fields. Co-creation of knowledge is our common vision. We offer a broad range of study programmes in many fields. We are situated at two modern campuses in Kristiansand and Grimstad respectively.

We are an open and inclusive university marked by a culture of cooperation. The aim of the university is to further develop education and research at a high international level.

PhD Research Fellow in ICT - Machine Learning for Times Series Modelling

The University of Agder invites applications for a full-time fixed-term appointment as PhD candidate in Technology/Information and Communication Technology for a period of three years. The position is located in Grimstad, Norway. The starting date is as soon as possible or to be negotiated with the Faculty.

[The department of ICT](#) has three large and active research groups in Information and Communication Technology including eight Professors, 20 Associate Professors/Assistant professors and about 20 Research Fellows on the PhD programme in ICT. The department pursues a variety of research interests, focusing especially on ICT and crisis management, artificial intelligence, eLearning and eHealth. The department has successfully led a number of large research projects funded by the Research Council of Norway, the EU research programmes FP7 and H2020 as well as national and international industries.

This open position is in association with [Centre for Artificial Intelligence Research](#) at University of Agder. The candidate will develop novel methods for artificial intelligence (AI) for time series modelling.

[More about workin at UiA.](#)

Research Topics

The position is planned to address issues related to artificial intelligence and time series modelling.

Potential research topics for the PhD thesis include, but are not limited to the following:

- Application of time series modelling in ehealth, security, safety, energy, astronomy, human-computer interaction, bioconservation, etc.
- Novel learning algorithms for time series modeling.
- Knowledge representation in neural networks.

The ideal candidate will have expertise in the following areas:

- Machine Learning
- Artificial Neural Networks
- Documented experience, including courses, in neural network and deep learning programming

Admission requirements

Applications from applicants who already hold a PhD will normally not be considered. The candidate must hold a master's degree in ICT, Computer Science or a similar/related field and document competence in areas relevant to the position.

Furthermore, the applicant must have:

- Strong academic credentials
- Written and spoken English proficiency
- Communication and teamwork skills.

Personal suitability, good teamwork skills, inventiveness, and a proactive approach, will be emphasized in the evaluation as well as relevant practical experience. The PhD Research Fellow will be expected to contribute to an active research community that promotes the personal and professional growth of the doctoral candidate. The position places great demands on the applicant's capacity for independent goal-oriented work, ability to concentrate and attention to detail.

In return, we offer the opportunity to contribute to the strategic capabilities of a world-class research organization, along with intensive PhD supervision. You will collaborate with top scientists in your field and have excellent prospects for personal development in an innovative working environment for aspiring researchers. Applicants will be assessed on the basis of academic background and results, attainment, and any previous research and development work. The PhD Research Fellow must be admitted to the [PhD Programme in Technology, with ICT as specialization](#), within three months of appointment.

The following admission requirements apply to the PhD programme:

- The average grade for courses included in the bachelor's degree (or equivalent) must be C (or equivalent) or higher
- The average grade for courses included in the master's degree (or equivalent) must be B (or equivalent) or higher
- The master's thesis (or equivalent) must have a grade B (or equivalent) or higher

The successful applicant must have written and spoken English proficiency. Applicants from some countries must document their English proficiency through one of the following tests or certificates:

- TOEFL - Test of English as a Foreign Language with a minimum score of 600 on the Paper-based Test (PBT), or a minimum of 92 on the Internet based Test (iBT)
- IELTS - International English Language Testing System, with a result of at least 6.5, with no section lower than 5.5. (only Academic IELTS test accepted)
- CEFR (Common European Framework of Reference for Languages) certificate of at least Level B2

Please check this [website](#) to see if an English test is required. Please note that the English test requirement applies to applicants from most countries according to the list mentioned above. No other English tests or certificates will be approved, and certifications/statements cannot replace an English test.

Further provisions relating to the position as PhD Research Fellow can be found in the [Regulations Concerning Terms and Conditions of Employment for the posts of Post-doctoral Research Fellow, Research Fellow, Research Assistant and Resident](#).

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

The Norwegian public service is committed to reflecting the diversity of society, 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.

Appointment is made by the University of Agder's Appointments Committee for Teaching and Research Positions. The successful applicant will have rights and obligations in accordance with the current regulations for the public service.

Remuneration

The position is remunerated according to the State salary scale, salary plan 17.515, code 1017, salary NOK 449 400 gross per year. A 2 % compulsory pension contribution to the Norwegian Public Service Pension Fund is deducted from the pay according to current statutory provisions.

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:

- Certificates and/or grades for all post-secondary education, up to and including the bachelor's level
- Master's degree/higher degree certificate, with a summary of the courses/subjects included in the degree
- Applicants with a foreign higher education must attach an official description of the grading system used at the issuing institution
- Summary (approximately 1-2 pages) of the master's thesis
- Applicants who are required to document their English proficiency must submit their TOEFL or IELTS test results (these may be forwarded after the closing date)
- Summary or links to the applicant's scientific publications (if any)
- A description of the candidate's research interests and background for the project applied for

Original documents must be presented for verification to the University of Agder together with the copies by the appointed research fellow upon arrival at UiA. Successful candidates will be asked, normally during the interview, to ensure that the issuing university submits documents in a sealed envelope directly to UiA or provide access to their documents online, which allows UiA to verify the authenticity of these electronic documents via a secure website hosted at the issuing university (contact person at UiA will be provided later for certain candidates).

The applicant is fully responsible for submitting complete documentation within the deadline. Without complete documentation we cannot, unfortunately, include you in the assessment process.

All documentation of education must be in the original language and in English, and the translation should preferably be from the issuing university. Additional documentation must be in English.

Closing date: 31.03.19

For further information please contact Professor Christian W. Omlin tel. +47 [37 23 32 06](tel:+4737233206) email: christian.omlin@uia.no, or Head of Department Folke Haugland, tel. +47 37 23 32 20, email: folke.haugland@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.

Jobbno ID: 162223, Deadline: Sunday, March 31, 2019