AKATECH

Associate Professor

Ecole/Institution/Société:
Oslo Metropolitan University, **Norway / Oslo**

Discipline:
Structural Engineering

Type d'emploi::
Full-time

Date de publication:
2022-04-25

Personne à contacter:
If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Associate Professor in Structural Engineering

is developing its study portfolio and plans to strengthen its academic environment in civil engineering. We are looking for an innovative, creative and responsible candidate who can contribute to the teaching, research and development of the field of structural engineering. The candidate shall also be able to undertake teaching in statics, finite element methods and related courses. The candidate is also expected to collaborate with the research groups (structural engineering, process management and digitalization and transport, infrastructure & urban development) at the department to conduct interdisciplinary activities.

Tasks and responsibilities:

- Teaching statics, finite element methods and related courses
- Supervision of students at bachelor-, master- and PhD levels
- strengthen the professional research work within civil and infrastructure engineering and closely related fields
- Actively contribute to the development of high-quality education
- The candidate is also expected to be involved in the university's research community
- The candidate is able to contribute to further developing courses
- Performing administrative tasks related to educational, research and innovation activitiesQualifications requirements:
- PhD in structural engineering or closely related fields (structural analysis and design, computational mechanics, structural materials, fatigue etc.)
- The candidate must have documented research competence and publication in one or more of the following areas:
- Structural analysis and design
- Construction and smart building materials
- Structural vibration and dynamics
- Numerical simulation and optimization
- Artificial intelligence in structural engineering
- Ale to teach statics, finite element method and related courses
- The applicant must document relevant educational theory and practice for higher education. Applicants who are unable to document basic teaching qualifications on appointment, must acquire these qualifications within two years. OsloMet offers a course on Teaching and Learning in Higher Education (UHPED), in English meets this requirement.
- Proficiency in oral and written Norwegian and English is required. Applicants who do not have adequate proficiency in Norwegian must acquire Norwegian skills corresponding to at

least level B2 within three years of commencement.The following will be an advantage:

- Experience in using FEA software such as ABAQUS, ANSYS, LS-DYNA, SAP2000 or similar
- Proficiency in programming
- • Proven track record in initiating and managing research and development work
- Teaching and supervision experience from different degree levels
- Experience from working with and in industry/public administration within structural engineering
- International network in academia and industry
- Potential for project acquisition General criteria for appointments to academic positions are covered

Applicants must document relevant educational competence in accordance with .

When evaluating the applications, we will emphasize:

- Research and development work relevant to the position. Scientific production from the last six years will be emphasized.
- Excellent cooperation and communication skills
- Flexibility and the ability to adapt teaching and research to the needs of OsloMet and the department, ncluding interdisciplinary collaboration
- Pedagogical skills and teaching experience, and ability to motivate and inspire students and colleagues
- Ability to apply knowledge from various disciplines and combine them into new disciplines
- Ability to combine theoretical and practical issues and demonstrate fresh thinking and innovation
- Ability to acquire external funding OsloMet evaluates teaching qualifications in conjunction with interviews.

It is important for OsloMet to reflect the population of our region, and all qualified candidates are welcome to apply. We make active endeavours to further develop OsloMet as an inclusive workplace and to adapt the workplace if required. If there are periods where you have not been in work, under education or in training, you are also welcome to apply.

Expert assessment:

Applicants will be assessed by an expert committee. By the application deadline, please upload the following documents together with your application:

- CV (including teaching and supervision experience and the name and contact information of at least three references)
- Full list of publications
- Copies of certificates/diplomas (including formal education in pedagogics, if applicable)
- Up to ten full-text scientific articles, submitted together with a table of contents and a short introduction highlighting the relevance of the article to the profile of the position, and a detailed description of the contribution to the article by the applicant
- Academic documents including the doctoral dissertation
- A text (up to 2 pages) outlining your relevant pedagogical experience and plans for pedagogical activity and development in the position ("teaching statement") and the pedagocial stance of the applicant. This overview should also include recent student-evaluations.
- A text (up to 2 pages) outlining your relevant research and plans for research activity in the position ("research statement"). This overview should include an overview of existing projects and research collaborators.
- Other relevant documentation OsloMet has adhered to the principles in the and obliged the institution to follow the recommendations in this declaration.

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You must upload all the documents in order for your application to be processed. The documents must be in either English or a Scandinavian language. Translations must be authorized. Originals must be presented if you are invited for an interview. OsloMet checks documents in order to give you as a candidate a proper evaluation and ensure fair competition.

If you have documents that cannot be uploaded electronically, please contact .

We offer:

- An exciting job opportunity at Norway's third largest and most urban university
- Participation in research groups
- Opportunities for academic development in a professional research environment
- Interaction with a diverse student group
- Loan and pension arrangements through the Norwegian Public Service Pension Fund
- Beneficial welfare schemes and a wide range of sports and cultural offers
- Free Norwegian language classes to employees and their partners
- Relocation support, cultural courses and on-boarding services
- Working location in downtown Oslo with multiple cultural offers The position is remunerated in accordance with the Norwegian State salary scale 60-74, job code 1011 Associate Professor. The salary is NOK 543 500 - 702 100 per year. A higher salary may be considered for particularly well-qualified applicants.

Other information

For more information about the position, feel free to contact:

- Head of Department Hallgrim Hjelmbrekke, e-mail , phone +4767236220

If you wish to apply for the position, please do so via our application portal.

Ref. no: 21/10828

More Information

Web site for additional job details

Required Research Experiences

RESEARCH FIELD

- Computer science

YEARS OF RESEARCH EXPERIENCE

- More than 10

RESEARCH FIELD

- Engineering

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