

Jobbnorge-ID: 149978

Søknadsfrist: Closed

Nettside:

Omfang:

Varighet:

PROFESSOR in Construction Engineering Management and digital construction/simulation processes (IV-121/18)

The Department of Civil and Environmental Engineering in the Faculty of Engineering, at the Norwegian University of Science and Technology (NTNU) announces the following vacant professorship in Construction Engineering and Management with a focus on lean construction.

The Department has at present 26 professors and adjunct professors, 18 in other academic positions and 90 research fellows.

The Department has responsibility for the following disciplines: Water and Wastewater, Building and Construction, Marine Civil Engineering, Hydraulic Engineering, Roads Transport and Geomatics, Geotechnical Engineering and Bachelor in Civil Engineering. See <http://www.ntnu.edu/ibm>

The Professorship relates to the University's efforts to meet the society's need for competence in production planning and control in construction and digitalization of the construction sector, and the position will be connected to the building and construction group of the Department. The professor will have specific responsibility for teaching and research in production planning and control and the effect of digital construction processes. Focus areas for this position will include Production and Planning control, BIM, digitalization of construction, lean construction, process improvement, production planning, simulation and supply chain management. If all other matters are equal in the evaluation of candidates, weight will be placed on digital construction/simulation processes.

We search for a candidate with profound knowledge and experience within the abovementioned areas, extensive teaching experience, capability to establish and fulfil large-scale research projects and having a solid international scientific network.

The successful applicant for a professorship must be able to document his/her extensive disciplinary qualifications in important fields within the discipline. His/her individual work must document scientific expertise in one or more parts of the discipline, particularly the specialist fields the Professorship has specific responsibility for. Weight will be placed on the ability to supervise and initiate research and development work.

Weight will be placed on pedagogical skills. The evaluation of the candidate will be based on documented pedagogical material, including pedagogical education/training, the presentation of academic work, experience from supervising masters-level students and doctoral candidates, and teaching as well as other pedagogical matters. The evaluation will consider both the quality and the scope.

Academic staff who are employed without having a formal pedagogical qualification in university-level teaching and are unable to document equivalent qualifications, are required to successfully complete a recognized course that gives a pedagogical qualification in university-level teaching within two years of taking the appointment. The University offers such courses.

The applicants that have been short-listed will be invited for interviews and a demonstration of their pedagogical ability, usually in the form of a trial lecture.

The Professor is to be jointly responsible for disciplinary matters together with other academic staff in the Department. The Professor is required to participate in teaching activities in accordance with the relevant curriculum and assist in further developing the teaching programme, including continuing education. The Professor is to supervise masters students, research fellows and doctoral candidates in his/her discipline. The Professor must agree to participate in administrative work.

The Professor is obliged to follow the regulations that concern changes and developments within the discipline and/or the organizational changes concerning activities at the University.

It is assumed that newly-employed staff in academic positions who do not already master a Scandinavian language are to obtain within three years knowledge of Norwegian or another Scandinavian language at an equivalent standard to level three in the Norwegian for Foreigners courses provided at the Department of language and communication studies. The University provides such courses.

The appointment is to be made in accordance with the regulations in force concerning State Employees and Civil Servants.

NTNU would like to increase the percentage of female scientists in academic positions, and its policy is outlined in its equal opportunities plan. The following initiatives are relevant here: Start package for women in male-dominated fields. Qualification scholarships and mentor program for women in academic positions.

The position adheres to the Norwegian Government's policy of balanced ethnicity, age and gender. Persons with immigrant background are encouraged to apply.

The position follows code 1013, and is remunerated with a minimum gross salary from NOK 611 700 to NOK 1 211 300 per annum, depending on qualifications and work experience. There will be a 2 % deduction to The Norwegian Public Service Pension Fund from gross salary.

Further details about the Professorship can be obtained from Associate Professor Olav Torp, phone +47 93422673, Email olav.torp@ntnu.no.

Applicants are asked to give an account of their pedagogical qualifications according to prepared guidelines ("Documentation of an applicant's pedagogical qualifications") which can be obtained from the following address on internet: <https://www.ntnu.edu/vacancies/pedagogical-qualifications>

The following documents must be enclosed with the application:

- Certified copies of certificates, testimonials and a list of academic work
- Academic work - published or unpublished - that has relevance to the evaluation of the applicant's qualifications by the evaluation committee (not more than 10 such submissions).
- A description of all academic work that the applicant feels is most significant and that he/she feels the evaluation committee should pay particular attention to.
- A list of all publications with bibliographical references.

Joint work will be evaluated. If it is difficult to identify the contributions from individuals in a joint piece of work, applicants are to enclose a short descriptive summary of what he/she did in this connection.

Applicants are asked to submit the application in English with regard to the evaluation process.

Applications are to be submitted via the link on this page. The file number for the position (**IV-121/18**) is to be clearly stated on the application.

The application deadline is 15.04.2018.

According to the new Freedom of Information Act, information concerning the applicant may be made public even if the applicants has requested not to be included in the list of applicants.

Tilleggsinformasjon

Arbeidssted: