



Jobbnorge-ID: 115140

Søknadsfrist: Avsluttet

Nettside:

Omfang:

Varighet:

Postdoctoral fellow in Water and Wastewater Treatment - Membrane Processes - ref.no. 15/02273

The Department of Mathematical Sciences and Technology (IMT) at the Norwegian University of Life Sciences (NMBU) invites applications for a postdoctoral fellowship on membrane processes in water and wastewater treatment. The fellowship will be attached to the research group on Water, Environment and Sanitation (WESH).

IMT is one of 13 departments at NMBU and is the largest with over 1100 students and over 70 PhD students. It is one of the three departments in the Faculty of Environmental Sciences and Technology. The WESH group is established within IMT and has 7 staff and 10 PhD students collaborating with several other institutes at NMBU. The group is heavily involved in teaching and supervision of MSc and PhD programs in engineering and technology. The group also has one of the largest externally funded research and educational project portfolios at IMT, and collaborates with partners from EU, North America, Eurasia, Asia and Africa. It also has a number of Research, Development and Innovation projects with Norwegian partners. The research group also receives guest students from several countries.

Research Project

The research will address the use of membrane processes in removal of micro-pollutants from drinking water and improvement of separation processes in wastewater treatment. The fellowship is for a period of two years beginning in Autumn 2015.

Main tasks

- The post-doctoral fellow shall mainly work on strengthening the research area of membrane processes and assist in coordination of international projects of the WESH group.
- The fellowship holder is expected to initiate and contribute in externally funded projects and the strengthening of the WESH group

Academic Qualifications

- PhD degree or equivalent in Environmental or Chemical Technology/Engineering related to water and wastewater treatment is required.
- Documented proficiency in English as a working language is a prerequisite.

Additionally, candidates with following professional qualifications and experiences will be preferred:

- Research experience in membrane processes (including reverse osmosis and nano-filtration) and sorption processes.
- Experience from international research environments, project initiation and coordination, international research network, industrial R&D
- Relevant publication record.

The main criteria for evaluating the applicants include their scientific capacity and achievements along the above outlined preferences; particularly originality, independence, and productivity in terms of peer reviewed publications as well as ability to work in a team. The shortlisted applicants may be invited for an interview as a part of the evaluation.

NMBU offers:

- An optimistic academic institution that is on the offensive and with focus on professional development, dissemination and competence.
- An interdisciplinary and inclusive environment that provides exciting research- and development opportunities.
- Daily contact with inspiring students and skilled colleagues.
- Various welfare schemes.
- Beautiful surroundings just outside Oslo.

Remuneration

The position is placed in government pay scale position code 1352 Postdoctoral Fellow, wage framework 24 (salary grade 57-64), depending on qualifications. Seniority Promotion in position

Further information

For further information, please contact the Head of Research, Prof Harsha Ratnaweera (harsha@nmbu.no) or the Research Coordinator Ms Kristine Dehli Høitomt (kristine.dehli.hoitomt@nmbu.no)

Application

To apply online for this vacancy, please click on the '**Apply for this job**' button above. This will route you to the University's Web Recruitment System, where you will need to register an account (if you have not already) and log in before completing the online application form.

Application deadline: 5 July 2015

Key publications

Up to ten publications selected by the applicant as most relevant must be attached to the application. If it is difficult to identify the contribution of the applicant in multiple-author publications, a short explanation about the applicant's part of the work is suggested.

Printed material which cannot be sent electronically should be sent by surface mail to Norwegian University of Life Sciences, Department of Mathematical Sciences and Technology, P.O. Box 5003, NO-1432 Ås, within **5 July 2015**. Please quote reference number 15/02273

Verified testimonies, certificates

Applicants invited for an interview will be asked to present verified copies of diplomas and certificates.

The position follows the Norwegian government pay scale. A compulsory contribution of 2 % is made to the Norwegian Public Service Pension Fund. A good working environment is characterised by diversity. We encourage qualified candidates to apply, irrespective of gender, physical ability or cultural background. The workplace will, if necessary, be facilitated for persons with disabilities.

According to the Freedom of Information Act § 25 the list of applicants for this position may be made public irrespective of whether the applicant has requested that his/her name be withheld.

Tilleggsinformasjon

Arbeidssted: