



PhD within Optimization of spectral measurement methods for photovoltaic systems

About the position

The Faculty of Science and Technology at the Norwegian University of Life Sciences (NMBU) has a vacant 3-year PhD position related to Optimization of spectral measurement methods for photovoltaic systems.

The PhD study is focused on laboratory studies of the physical properties of solar cells with spectral methods as well as field studies of solar cell response in operation. The position is assigned to the Energy Physics research group.

Academic qualifications

The successful applicant must meet the conditions defined for admission to a PhD programme at NMBU. The applicant must have an academically relevant education corresponding to a five-year Norwegian degree programme, where 120 credits are at master's degree level (candidates submitting MSc thesis by 15 August 2019 may also be considered). The applicant must have a documented strong academic background from previous studies, and be able to document proficiency in both written and oral English. For more detailed information on the admission criteria please see the [PhD Regulations](#) and the relevant [PhD programme description](#).

The applicant must document expertise and interest in the research subject.

Required Academic qualifications

- Master's degree in physics

Required personal skills

- Ability for independent work displaying creativity and reflective thinking
- Analytical and academic approach to research questions
- Good collaborative/social skills
- Proficiency in English, both written and spoken (please see English language requirements in PhD regulations at NMBU)

Remuneration and information

The position is placed in government pay scale position code 1017 PhD. Fellow, wage framework 20, salary grade 51 (equivalent to NOK 449 400 at present) and follow ordinary meriting regulations.

Terms of employment are governed by Norwegian guidelines for PhD fellowships at Universities and University Colleges.

For further information, please contact Professor Espen Olsen, E-mail: espen.olsen@nmbu.no

[Information for PhD applicants](#) and [general information to applicants](#)

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: 01.09.2019

Applications should include (electronically) a letter of intent, curriculum vitae, full publication list, copies of degree certificates and transcripts of academic records (all certified), and a list of two persons who may act as references (with phone numbers and e-mail addresses). Publications should be included electronically within the application deadline. The relevant NMBU Department may require further documentation, e.g. proof of English proficiency.

Printed material which cannot be sent electronically should be sent by surface mail to Norwegian University of Life Sciences, Faculty of Science and Technology, P.O. Box 5003, NO-1432 Ås, within 01.09.2019. Please quote reference number 19/01936.

If it is difficult to judge the applicant's contribution for publications with multiple authors, a short description of the applicant's contribution must be included.

The Norwegian University of Life Sciences

NMBU has a special responsibility for research and education that ensures the basis of life for future generations.

Sustainability is rooted in everything we do and we provide knowledge for life.

NMBU has 1700 employees and 5200 students and is organized in seven faculties. NMBU has a campus in Ås and in Oslo. In the autumn of 2020 we are co-located on Ås.

Further information on NMBU is available at www.nmbu.no

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