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The Norwegian University of Science and Technology (NTNU) creates knowledge for a better world and solutions that can change everyday life.

Faculty of Engineering
Department of Marine Technology

Postdoctoral Fellow in Risk Modeling of Autonomous Marine Systems (IV-16/17)

The Department of Marine Technology is announcing a Postdoctoral position, affiliated with the marine systems research group for a period of appointment of two years.

The position is part of the research group’s international cooperation with B. John Garrick Institute for the Risk Sciences at University of California, Los Angeles (UCLA).

The candidate will work within one or several of the following fields, depending on qualifications:

- Research hazardous operations for which more autonomous functionality in marine systems and operations can lead to risk reduction.
- Develop integrated collision risk models for autonomous ships focusing on the mitigation of negative effects on both the environment and human operators.
- Analyze risk and develop risk acceptance criteria for autonomous marine systems and operations.

Documentation of the research work through publications in peer-reviewed high quality international journals and conferences will be the most important deliverable. The Post Doc will belong to a group consisting of several PhD candidates, in addition to NTNU permanent scientific staff, and the candidate will also work closely with national and international research partners. The candidate is expected to perform part of the research work at UCLA.

The successful applicant must have a strong background in risk management and operational safety. Experience from the marine and maritime industry is an advantage, as well as knowledge of control engineering and marine technology. The applicant should hold a PhD degree in Safety and Asset Management/Marine Technology or Reliability, Availability, Maintainability, Safety (RAMS), but candidates with other relevant backgrounds will also be considered.

For further information, please contact Professor Ingrid Bouwer Utne at NTNU, phone +47 73595556 or email: ingrid.b.utne@ntnu.no

Terms of employment
The appointment of the Postdoctoral fellows will be made according to Norwegian guidelines for universities and university colleges and to the general regulations regarding university employees.

Postdoctoral candidates are remunerated in code 1352, minimum gross amount NOK 485,700 per annum (before tax). There will be a 2% deduction to The Norwegian Public Service Pension Fund from gross salary.

The engagement will be made in accordance with the regulations in force concerning State Employees and Civil Servants. The positions adhere to the Norwegian Government’s policy of balanced ethnicity, age and gender. Persons with immigrant background are encouraged to apply. NTNU’s objective is to increase the number of females in scientific positions. Female applicants are therefore encouraged to apply.

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

The application
The application must contain a motivation letter, information of educational background and work experience. Certified copies of transcripts and reference letters should be enclosed.

Application with CV, diplomas, certificates and any other attachments are sent electronically via this page. Mark the application with IV-16/17

Start-up date: 01.06.2017

Application deadline: 12.02.2017

Jobbnorge ID: 132700, Deadline: The application deadline has passed