

PhD Research Fellow in Hydrogen Safety for Ships

The Department of Physics and Technology (IFT) at the University of Bergen (UiB) has a vacancy for a PhD Research Fellow in Hydrogen Safety. The position belongs to the group for Energy and Process Safety and is funded by the Research Council of Norway (RCN) through the project "Safe Hydrogen Implementation: Pre-normative research for Ships" (SH2IPS).

NOTE: Applications must be submitted through the JobbNorge portal:

<https://www.jobbnorge.no/en/available-jobs/job/246566/phd-research-fellow-in-hydrogen-safety-for-ships>

The application deadline is 23:59 CET on **Sunday 13 August 2023**

About the SH2IPS project

SH2IPS is an interdisciplinary project where the primary objective is to provide science-based recommendations for an international regulatory framework that can facilitate the safe development and deployment of merchant ships powered by hydrogen and hydrogen-based fuels.

Qualifications

Applicants must hold a master's degree or equivalent education in process safety or relevant fields within physics or engineering.

Experience from experimental work involving electronic circuits and/or electrostatic discharges is a requirement. Applicants must be proficient in both written and oral English.

Experience from one or several of the following areas is an advantage:

- the maritime industry
- relevant laboratory measurements and data acquisition
- risk analysis and risk assessments
- research on hydrogen safety

Personal and relational qualities will be emphasized.

Special requirements for the position

The University of Bergen is subjected to the regulation for export control system. The regulation will be applied in the processing of the applications.

General terms

- Salary as PhD research fellow (code 1017) in the state salary scale. This constitutes a gross annual salary of NOK 532 200 (equivalent to pay grade 54). Further increases in salary are made according to length of service in the position.
- Enrolment in the Norwegian Public Service Pension Fund.

Your application must include:

- A motivational letter (3-5 pages) that describes the applicant's research interests and motivation for applying for the position, a discussion of how the applicant's competence is relevant for the project, and a brief outline of how the applicant may conduct the project.
- A CV, including relevant work experience and certificates.

General information

The complete description of the position and the employment process can be found here:

<https://www.jobbnorge.no/en/available-jobs/job/246566/phd-research-fellow-in-hydrogen-safety-for-ships>

For further details about the position, please contact Associate professor Trygve Skjold at the Department of Physics and Technology, telephone (Teams) number: +47 55 58 27 37.