

2022: Call for Application: Internship at SINTEF Ocean, Norway

1. Outline

SINTEF Ocean in Trondheim, Norway and the Nippon Foundation Ocean Innovation Consortium jointly host internship at SINTEF Ocean. As an intern, you will experience unique and challenging tasks that will enrich your knowledge about your field of study. You will learn more about the latest innovations in the ever-changing offshore industry in one of the world's leading offshore R&D community.

2. Dates

Internship dates: September 2022 to March 2022 (starting date in September to be negotiated).

Application deadline: April 15th, 2022 (Japan time).

Notification of outcomes: April 29rd, 2022 (Japan time).

3. Venue

Trondheim, Norway.

4. Internship Type

Paid Internship (monthly allowance of 12 000 NOK that will cover accommodation/living expenses in Norway).

5. Areas of Work

Ocean technology topic to be defined depending on the student's background. Example of topics are:

- Offshore renewable energies
- Maritime transport
- Offshore Aquaculture
- Offshore oil & gas

6. Job Description

The internship(s) will work closely together with SINTEF Ocean researchers within the field of ocean technology, applied to offshore renewable energies, maritime transport, offshore aquaculture and/or offshore oil & gas. The internship will include both analysis work (using for instance the SINTEF Ocean software SIMA and CFD analysis tools such as Star-CMM+ and FINETM/Marine), and participation in hydrodynamic verification/development test in SINTEF Ocean's laboratories. The work typically includes coupled global analyses, response analysis of floating structures (large volume and slender), marine operations analysis, mooring and positioning analysis, hydrodynamic analysis, ship performance evaluation, and prototype and verification testing in laboratories.

7. Call for Applications

The call for applications is now OPEN!

8. Number of Students

Up to two (2) students.

9. Eligibility Criteria

Those who are applying for this position must have background in naval architecture or ocean engineering. Civil engineering background might also be considered. Very good proficiency in spoken and written English is required.

10. Main supervisors at SINTEF Ocean

- Dr. Vegard Aksnes, Research Manager, Marine Structures – Energy and Transport
- Ms. Eloïse Croonenborghs, Research Manager, Marine CFD – Ships and Ocean Structures
- Dr. Chittiappa Muthanna, Senior Researcher, Experimental Hydrodynamics – Ships and Ocean Structures

11. Application Process:

Internship candidates can apply by

- A) Sending the following two documents to: ocean_innovator@ps.nippon-foundation.or.jp.
 1. A letter of Motivation
 2. CV
- B) Online interview

12. Contact:

For further information, please write to: ocean_innovator@ps.nippon-foundation.or.jp.

Last updated: 2021/11/24