

2018: Call for Application: Internship at SINTEF Ocean, Norway

1. Outline

SINTEF Ocean in Trondheim, Norway and the Nippon Foundation Ocean Innovation Consortium jointly host summer 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 2018 to March 2019 (starting date in September to be negotiated).

Application deadline: April 23th, 2018 (Japan time).

Notification of outcomes: May 8th, 2018 (Japan time).

3. Venue

Trondheim, Norway.

4. Internship Type

Paid Internship (monthly allowance of 10 000 NOK that will cover accommodation/living expenses in Norway).

5. Areas of Work

Offshore technology including offshore oil & gas, wind and aquaculture structures.

6. Job Description

The internship(s) will work closely together with SINTEF Ocean researchers within the field of offshore technology, applied to offshore oil & gas, wind and/or ocean farming/aquaculture structures. 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. The work typically includes coupled global analyses, response analysis of floating structures (large volume and slender), marine operations analysis, mooring and positioning analysis, CFD analyses, 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 Operations – Energy and Transport
- Dr. Chittiappa Muthanna, Research Manager Measurement and Instrumentation Systems – Ships and Ocean Structures
- Ms. Eloïse Croonenborghs, Research Scientist, Numerical hydrodynamics Systems – Ships and Ocean Structures

11. Application Process:

Internship candidates can apply by sending the following two documents to:

ocean_innovator@ps.nippon-foundation.or.jp.

1. A letter of Motivation
2. CV

12. Contact:

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