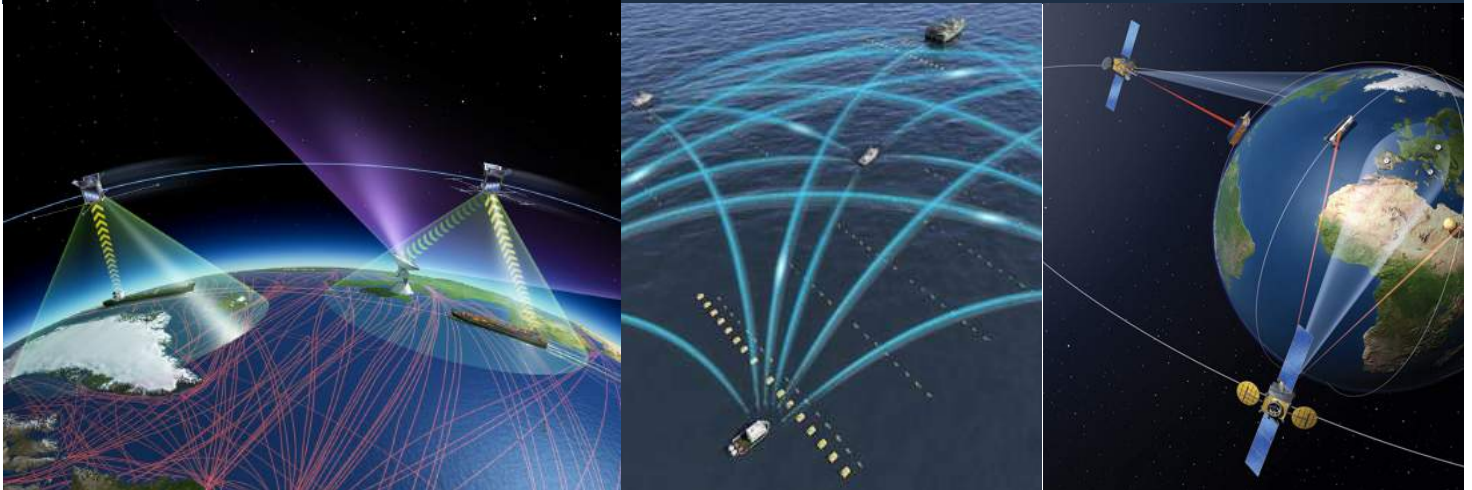


Vacancies at Offshore Navigation Limited

Opportunities:

Open positions in oceanographic modeling and/or applied statistics



Information about the current project

One of the largest challenges in the maritime industry is to develop energy efficient measures to reduce fuel cost and air emissions, as well as to enhance the safety of ships/cargoes when sailing at sea. It is well-known that weather routing and voyage optimisation are two of the most efficient solutions, while today the two concepts require further research and innovative developments to deliver high quality services to solve those challenges. ONL currently develops a sail plan service combining these two concepts. At ONL we are developing solutions using Earth observations to provide more reliable forecasts of weather and sea environments to the sail plan system.

ONL's mission is to become the World's leading provider of voyage and route planning systems. ONL shall provide the most accurate and advanced navigation system for worldwide maritime use. It enables greater fuel optimisation to support a more sustainable global maritime transport sector. ONL develops innovative route planning services based on the SpaceNav (Space Based Maritime Navigation) system. The SpaceNav concept consists of a route plan that guides vessels how to efficiently sail from one port to the next. The system contains unique observational capabilities and computational models based on space-born data to calculate the route for the vessels to follow. This in turn results in a safer and more economical execution of maritime and offshore operations. It helps to improve the efficiency of vessels and their safety, the marine environment and the working environment for the crew.

Major responsibilities

Offshore Navigation Ltd (ONL) invites applications for an Oceanographic Modeling and/or Applied Statistics position, to be filled as soon as possible at our office in Limassol, Cyprus. Desired candidates should have a PhD in physical oceanography and/or statistics or related sciences and have a demonstrated ability to work independently. Strong technical and communication skills and the capacity to lead an externally funded research program are essential. Publications in peer-reviewed literature will be encouraged as well as the development of your own research agenda within the context of the position. The position will commensurate with post-doctoral experience.

The selected candidate will participate in ongoing multi-year projects within the maritime/offshore domains, focusing on ocean circulation, sea level dynamics and climate interactions, using satellite/in situ data analysis and interpretation, large-scale modeling and parameter estimations. The position provides the opportunity to do relevant scientific research within an industrial context and to collaborate with a broad group of international scientists, universities, business partners and shipping industry.

Position summary

Full-time employment.

Qualifications

Specific requirements Include:

- PhD in physical oceanography and/or statistics or related sciences OR equivalent experience beyond master level
- Experience in scientific analysis of satellite/in situ ocean data and model output
- Strong desire to do scientific research, be self-motivated and have the ability to work without direct daily supervision
- Capacity to lead and identify priorities
- Strong oral and written communication skills
- Expertise in at least one scientific analysis and/or programming tool (e.g., Matlab, Python, etc.)

Highly desired:

- Experience with data assimilation methods
- Experience in running ocean and/or climate models
- Working knowledge of Matlab and Python

Employees enjoy working in a collaborative, team-oriented and international environment with an excellent wage and benefit package as well as the freedom to create your own work-life balance. ONL operates in a top-tier state-of-the-art environment and provides the opportunity to work with and develop advanced technologies. Our company is constantly growing and is committed to building a culturally diverse and internationally present workforce. ONL is an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, sexual orientation, gender identity,

disability status, protected veteran status, or any other characteristic protected by law.

Application procedure

Email us your:

- CV, include complete list of publications
- Previous teaching and managerial experiences
- Two references that we can contact.

Personal letter/Qualifications 1-2 pages:

- Introduce yourself and present your qualifications.
- Previous research domains and main research results.
- Future goals. Are there any specific projects and research issues you are primarily interested in?

Other:

- Attested copies of completed education, grades and other certificates.

Please send all to:
info@offshorenavigation.com

Application deadline:
ongoing recruitment

For more information about Offshore Navigation Limited please visit
www.offshorenavigation.com

Offshore Navigation Ltd

Accurate and advanced navigation system for worldwide offshore and maritime use enabling greater fuel optimisation and making the global maritime transport more sustainable

