



## **Senior Consultant - InPhase Solutions AS**

### **About the position**

We in InPhase Solutions AS are looking for new colleagues. As a member of the InPhase team you will work on many challenging and varied topics, developing new technology as well as improving existing products. We work with many different clients, but we also pursue and conduct our own internal projects.

At InPhase we work with applications of ultrasound technology within a wide range of fields, such as antifouling on marine structures, downhole drilling, medical and non-medical imaging, flow measurements, corrosion surveillance, thickness measurements, wireless transfer of energy and data, material inspection and flaw detection, and also clinical applications.

A Senior Consultant will perform as an individual contributor on client engagement teams, working under the supervision of or as a project manager, to develop work product, lead specific project initiatives, and act as a subject matter expert on consulting projects. Tasks include, but are not limited to, numerical simulations, algorithm and software development, documentation, testing, reporting, electronics, lab experiments, project management, networking, support business development and technical sales. It is expected that the Senior Consultant contributes to team efforts as well as to work independently and in any case respecting project requirements, specifications, cost limits and timelines. Open communication with the client, colleagues and external parties is an essential part in all those activities.

In some projects traveling is involved, mostly in Norway, but occasionally abroad. In addition, the Senior Consultant cultivates good relationships with colleagues and clients and exhibits a professional, business-like demeanour at any time in the professional context.

### **Who are we looking for?**

We want enthusiastic and independent people, preferably with a background from:

- Electronics or electrical engineering
- Computer science
- Physics or biophysics
- Mathematics
- Cybernetics

Candidates should hold a master's degree or a PhD, and have experience in some of the following fields:

- Signal processing/analysis
- Ultrasound, acoustics or wave propagation
- Applied mathematics or numerical simulations
- Image processing
- Machine learning
- Software development or scientific programming (e.g. C++, Python, Matlab)
- Laboratory experimentation

Ideally, you would be able to join the team in our office at in Trondheim, but there is also an opportunity to work for customers in the Oslo-region for extended periods of time.

## **Practical**

Applicants will be considered consecutive. Interviews are expected to start in February. Application deadline is the **15th of March 2019**. If you have questions or want to apply, please contact Jochen Rau (CEO) at [jochen.rau@inphase.no](mailto:jochen.rau@inphase.no). Applications should include a CV, a letter of application, your university transcript and a list of publications (if any). For more information, you can also visit our homepage: [www.inphase.no](http://www.inphase.no).

## **About InPhase Solutions AS**

InPhase Solutions is a technology development and consulting company providing ultrasound, acoustics, algorithm development and signal processing solutions within oil & gas, medical, and industrial technologies.

Our team is highly competent, holding MSc or PhD degrees, with extensive experience from academia and industry. We are a strong multidisciplinary team that combines an academic/analytical approach with industrial and business-oriented thinking in order to develop new cutting-edge technology and improve existing products. We see our colleagues as the company's greatest assets, and this attitude permeates every aspect of our business. All employees are offered the opportunity to become shareholders, a family friendly work environment with flexible working hours, their own office, and a good pension offering.

Our expertise ranges from general acoustics, signal modelling and analysis/processing, algorithm development, image processing, transducer design and manufacturing, Doppler methods and hardware electrics to system evaluation, technology implementation and complete system design and development.

We have been working in several different industries such as oil & gas, aquaculture, aluminium and medical industry. InPhase offer comprehensive development projects with product delivery, project management of technology development projects, and consultancy work within ultrasound, acoustics, algorithm development and signal processing.

The company headquarters are in Trondheim, Norway - but we have consultants located elsewhere in Norway and Netherland as well. Trondheim is internationally renowned for its vibrant ultrasound research and technology environment.