

Job posting

Type of position



scientific



administrative

Target group



graduates



post docs



other

Title Research Scientist

Institution The Center of Maritime Technologies e. V. (CMT) is a non profit association and recognized research centre based in Hamburg, Germany.

In close cooperation with its 85 members from industry, research and academia the association initiates, coordinates and supports collaborative research in the maritime field within a German and European network.

Since its foundation in 2002 CMT coordinated and participated as an expert in more than 60 publicly funded and private research projects in strategic fields, such as production technologies, lightweight structures, innovative ship concepts, distributed design platforms, energy management and life cycle performance. For the near and medium term future CMT intends to expand its activities to ship repair and retrofitting as well as maritime technologies outside shipping and shipbuilding.

Position Field of activity: "Alternative energy sources, on-board data evaluation and benchmarking as well as ship operation and life-cycle-analysis"

To support our team we offer from now on a full-time position (40 h / week) for a highly motivated person. The position is initially offered for an employment of one year.

Responsibilities Your opportunity:

- Assessing the integration possibilities of alternative energy sources on board of oceangoing vessels
- Supporting the development process of alternative energy generating concepts and its auxiliaries
- Supporting the modeling processes of alternative concepts
- Benchmarking of simulation results and development of guidelines
- Improvement of ship operation through new technologies
- Life-cycle studies of new ship designs, technologies and materials

Requirements Your profile:

- You have studied in the field of maritime engineering, electrical engineering with maritime background or equivalent.
- You will ideally have knowledge in ship maintenance, operation and onboard sensor systems.
- You are confident in using MatLab / Simulink, Excel.
- You have a special interest in the theoretical integration of alternative energy sources as well as development of new

technologies / sensor systems and materials in marine systems.

- Have a quick mind as well as an analytical and systematic working practice
- You have a sociable personality, enthusiastic and flexible.
- Team skills and high degree of accuracy and responsibility mark your work

**Application
procedure
(deadline etc.)**

Send your application and CV to:

Center of Maritime Technologies e.V.
Bramfelder Str. 164
22305 Hamburg
Germany

Electronic application is preferred.

Contact

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