



As a non-profit research center and subsidiary of the German Shipbuilding and Ocean Industries Association (VSM e. V.), Center of Maritime Technologies gGmbH (CMT) stands for research, development and innovation in the maritime industry and science. CMT's mission is to strengthen Germany as a maritime industrial location and its industrial value chains through successful initiation, coordination and implementation of joint national and European research projects. At the same time, CMT offers consultancy service for a wide range of technological topics in the maritime-industrial value chain.

To expand our dedicated, interdisciplinary team of experts, we are looking for a

Research and development engineer (m/f/d), focus on applied materials science and lightweight construction

Your task

You will be responsible for a wide range of technical tasks relating to the use of new materials and manufacturing technology in shipbuilding in funded collaborative projects. This includes the characterisation of material properties, the development and qualification of suitable design methods as well as manufacturing and assembly processes, the investigation of possibilities for the integration of innovative components and structures in ship designs or novel procedures in shipyard processes, the identification and evaluation of possible areas of application and the advocacy for the achievement of the required acceptance by classification societies and users in the value chain.

You will independently carry out the reporting duties and administrative tasks required within the framework of funded national and European projects after appropriate familiarisation. At the same time, you will contribute to the development and realisation of innovative projects together with the CMT team and the companies in our network.

Your profile

You have completed a Master's degree or diploma in the field of materials science, shipbuilding, aeronautics, automotive, mechanical engineering or similar with a focus on lightweight construction and have at least two years of professional or scientific experience in this field. Extensive knowledge in the design, production and practical application of metallic or fibre composite lightweight structures is required. Experience in the field of materials testing and additive manufacturing is an advantage. You should also be proficient in ANSYS and a CAD system, preferably Rhino. Good knowledge of the German language, both written and spoken, is a great advantage. In addition, you enjoy teamwork, communication and have a great interest in maritime-industrial topics.

If so, we can offer you a responsible position in an exciting field where you can use your technical talent and independent, quality-conscious way of working.

This is a full-time position for an indefinite period, to be filled from 1 January 2023 if possible. Deviating contract conditions such as part-time, home office arrangements are expressly possible.

Please send your complete application with salary expectations and possible starting date to:

Center of Maritime Technologies gGmbH

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