

CAN I COMBINE SCIENCE AND BUSINESS IN A SINGLE JOB?

YES.

We'll show you how at Fraunhofer.

CALLING ALL FUTURE EXPERTS IN WIND ENERGY! AT FRAUNHOFER MAKE THE MOST OF YOUR TALENTS BY JOINING OUR WIND ENERGY TEAM. A VACANCY IN THE DEPARTMENT "ROTOR BLADE" FOR THE LOCATION BREMERHAVEN IS IMMEDIATELY AVAILABLE:

MASTER THESIS FOR THE AERO-ELASTIC DESIGN OF AN INNOVATIVE WIND TURBINE ROTOR DESIGN

The research activities at the Fraunhofer Institute for Wind Energy and Energy System Technology IWES Northwest cover all aspects of wind energy from material development to grid integration. At our locations in Bremerhaven, Bremen, Hannover and Oldenburg are currently working more than 200 employees and students for national and international clients.

What we expect from you:

You study mechanical or civil engineering and you are affine to wind turbines aerodynamics and structural mechanics of composite materials. Further, you have programming experience. We expect creative ways of working and individual responsibility.

What you can expect from us:

The goal in nowadays rotor blade design lies in the reduction of loads that a wind turbine encounters during its lifetime. Therefore, innovative designs of rotor blades are investigated at Fraunhofer IWES. You work with state-of-the-art analysis tools to investigate the fatigue and ultimate limit state of wind turbine blades. You develop and verify different innovative rotor blade designs with the standards used in wind industry.

Remuneration according to the general works agreement for employing assistant staff.

The working time consists of 60 hours per month.

The position is initially limited for 6 months.

In case of identical qualifications, preference will be given to severely disabled candidates.

The Fraunhofer-Gesellschaft is committed to providing equal career opportunities for men and women.

Fraunhofer is Europe's largest application-oriented research organization. Our research efforts are geared entirely to people's needs: health, security, communication, energy and the environment. As a result, the work undertaken by our researchers and developers has a significant impact on people's lives. We are creative. We shape technology. We design products. We improve methods and techniques. We open up new vistas.

If you have any further questions, please contact:

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Please send your detailed application including all relevant documents with reference to the job number IWES-2014-48 to:

Fraunhofer IWES

Personalabteilung

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Please send online applications in PDF-Format