



Internship at the Laboratory of Thermal and Power Engineering

The Muenster University of Applied Sciences (in German: Fachhochschule Münster) was founded in 1971 from a merge of state owned and private schools for engineering and civil engineering and institutions of specialized vocational training. It ranks among Germany's largest and most successful Universities of Applied Sciences today. With more than 12,000 students, Muenster University of Applied Sciences is one of the largest institutions of its kind in Germany.

About the internship:

Your internship is located in Steinfurt, about half an hour from Muenster, at the Laboratory of Thermal and Power Engineering. Our lab is active in the research of fluid mechanics and heat transfer phenomena in turbo machinery and thermal power generation. We enjoy our daily work on various long term fundamental, industrial and undergraduate research projects.

And that's where you come in! As part of our research group, you get your own research project in the field of fluid mechanics supported by our doctoral students. During your internship you will use modern flow measurement techniques, like Laser-Doppler Anemometry, and numerical methods to improve the knowledge about secondary losses in modern turbo machinery design. You are invited to develop your own ideas and check it out by rapid prototyping techniques!

We seek highly motivated students with knowledge on and experience in CAD and experimental fluid flow measurement, like pressure measurements, hot-wire, or Laser-Doppler Anemometry. Basic knowledge in computational fluid dynamics and data analysis is beneficial.

Living in Muenster:

Muenster is a diverse city. It is a city of science and learning, the City of the Westphalian Peace, the capital city of bicycles and Germany's Climate Protection Capital. Westphalia's longstanding regional capital is a historic city with a young vibrancy thanks to around 50,000 students. Muenster is an outstanding place to live, work, learn and research. It is a place where urban culture, municipal diversity and first-class rural recreation intersect, and have a mutually enhancing effect.



We hope to see you in summer 2018!

If you have any questions, we will be glad to provide full and detailed answers. For further organisational informations please check the webside of our international office:

https://en.fh-muenster.de/internationaloffice/international_students_staff/international_students_1273254.php

