



The  
**Institute of Fluid Mechanics and Heat Transfer**  
**TU Wien**  
invites applications for a

## **PhD Studentship**

Starting October 1, 2018, for 4 years  
Employment: 25h/week

associated with the working group of Prof. H. C. Kuhlmann. The research fields are hydrodynamic instabilities, transition to turbulence and multiphase flows. Modern optical measurement techniques, like LDV and PIV, are available as well as an up-to-date computational environment.

### **Requirements:**

The successful candidate must hold a Master degree (or equivalent) in engineering or in physics. We are looking for a motivated scientist with excellent experimental skills and interest in fluid mechanics. Experience in flow measurement techniques would be appreciated.

### **Tasks:**

The duties comprise the general support of the teaching of the institute as well as scientific work in experimental fluid mechanics focusing on hydrodynamic instabilities and structure formation of suspended particles (attractors for particle motion). The position provides the opportunity for submission of a PhD thesis.

The monthly gross salary will be at least 1.746,60 EUR (14x per year). Depending on previous experience the salary may be higher.

In case of equal qualifications women will be recruited preferentially.

Please submit your application including CV, photo, all transcripts, and list of publications to: Personaladministration, Fachbereich wiss. Personal der TU Wien, Karlsplatz 13, A-1040 Wien, Austria, or online to [rene.fuchs@tuwien.ac.at](mailto:rene.fuchs@tuwien.ac.at). Note that applications will only be valid if submitted in the period from **September 6, 2018 to September 27, 2018**.