Student/Master Thesis in the area of fluid mechanics (m/f)
Job No. 2953010, Garsching

About us
GE Global Research Europe employs approximately 200 engineers and scientists from about 40 different countries. The scientists and technologists come from a variety of disciplines and backgrounds, including chemistry, physics, mathematics, information technology and engineering sciences. GE’s European Technology Center is located on the research campus in Garching near Munich, in the heart of southern Germany.

Responsibilities
• Perform a measurement campaign in an existing wind tunnel facility that is representative of actual engine geometries and distortion patterns encountered during flight
• Characterize the mixing of wakes created by distortion screens by carrying out high spatial resolution measurements as well as unsteady measurements in different regions of the wakes
• Assess the effectiveness of the screens to generate distortion patterns

Qualifications
• Background in fluid mechanics with interest in turbomachinery
• Experience in carrying out aerodynamic measurements
• Strong analytical skills and experience with data analysis
• Creative and detail oriented mindset
• Excellent communication skills
• Can-do attitude
• Open and creative
• Team-work & commitment
• Fluency in English
• Currently enrolled at a university

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