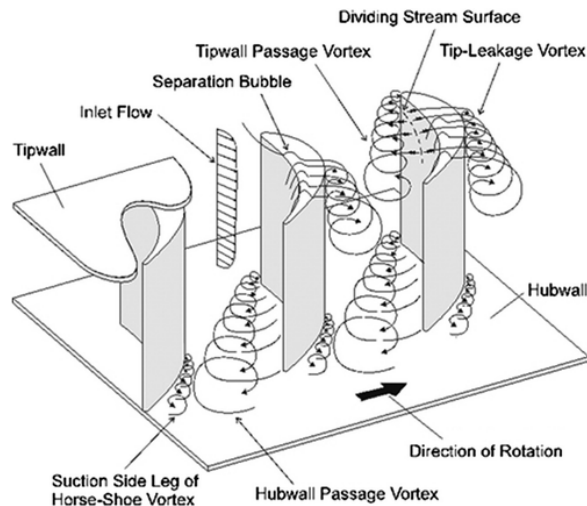


# Student Assistant

## for upcoming new lecture “Internal Flows”



Low-pressure turbine flow environment depicting secondary flows [1]

### Background

Starting with the winter term 2022, the Institute of Turbomachinery and Fluid Dynamics (TFD) will hold a new lecture called “Internal Flows” that focuses on the modeling and description of typical flow phenomena of internal flows in turbomachinery like boundary layer theory, blade aerodynamics, vortex theory and compressible flows. Because fundamental knowledge of fluid dynamics is assumed, this is a Masters lecture. The lecture is in English.

### Tasks

We are looking for a student that supports us with the creation and preparation of lecture slides and exercises, especially with the creation of images and sketches, predominantly 2D schematic diagrams.

### Your Profile

- Fluent in English
- Familiarity with Microsoft Office and LaTeX
- Experience with image editing programs, especially for vector based images
- Experience with LaTeX TikZ is a big plus
- Basic knowledge of fluid dynamics and turbomachinery is a plus

### Contact

If you are interested, please get in touch with:

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