

WISSENSCHAFT UND WIRTSCHAFT IN EINEM JOB GEHT NICHT.

DOCH.

Finde es heraus am Fraunhofer IPT.

AS OF NOW, FRAUNHOFER IPT AT RWTH AACHEN OFFERS A
STUDENT ASSISTANT POSITION (M/W)
**RESEARCH AND DEVELOPMENT FOR ZERO
DEFECT MANUFACTURING**

The aim of this work is to help the development of novel sensor technology for the purpose of zero defect manufacturing. The measuring uncertainty has to be examined and documented, in order to derive corrective actions and increase precision. Moreover, the machine tool behavior has to be investigated, in order to derive the optimal sensor positions for maximum predictability.

Your Task

- Experimental uncertainty analysis of novel sensor technology
- Simulation of machine tool behavior
- Experimental investigation of machine tool behavior
- Development of control strategies for corrective actions against uncertainty

Your Skills

- You study Mechanical Engineering, Mechatronics or Similar
- You do have extended knowledge in Mechanics and Control Engineering
- You have gathered first experience with sensor technology
- You are curious, take initiative and show responsibility
- You are fluent in English and/or German

We Offer

- First-hand practice experience alongside your studies
- Flexible working hours and clearly defined tasks
- An ideal environment for top-notch research