



WORK OFFER

Ref. No. DE-2019-1042-5

Employer Information

Employer: Paderborn University
 Mechanical Engineering / Dynamics and Mechatronics
 Warburger Strasse 100

 33098 Paderborn
 Germany

Website: <https://mb.uni-paderborn.de/en/ldm/>

Location of placement: Paderborn University
Nearest airport: Paderborn-Lippstadt
Working hours per week: 40.0
Working hours per day: 8.0

Number of employees: 23000
Business or products: Education

Student Required

General Discipline: 14D-MECHANICAL ENGINEERING
Field of Study: 14.1901-Mechanical Engineering,
 14.4201-Mechatronics, Robotics, and Automation
 Engineering.

Completed years of study: 2
Language required: English Excellent Or
 German Excellent

Required Knowledge and Experiences:
 basic knowledge in the field of dynamics of technical systems and/or in the
 field of mechatronic systems;
 experience in standard software such as office and experience in engineering
 software such as Matlab/Simulink, ADAMS, ANSYS and/or lab-experience

Other requirements:

Work Offered

The Chair of Dynamics and Mechatronics is part of the Faculty of Mechanical Engineering. We are primarily concerned with mechatronic systems in both our course offerings and research. The Chairs' main areas of research are "Vibrations, Contact Mechanics, and Wear", "Multifunctional materials, actuators and ultrasonic technology" and "Reliability, Condition Monitoring and Multiobjective Optimization". This results in a broad range of academic and research opportunities with fascinating new tasks to be met every day.

The work offered will consist of experimental work, computer simulation, programming (C, C++, Matlab, Arduino, Python), machine learning in condition monitoring or analytical calculations in the field of dynamics and mechatronics. Detailed contents will be negotiated with the applicant.

Number of weeks offered:	12 - 12	Working environment:	Research and development
Within the months:	02-JAN-2019 - 20-DEC-2019	Gross pay:	750 EUR / Month
Or within:	-	Deduction to be expected:	variable
Holidays:	-	Payment method / frequency:	cash or bank transfer / monthly

Accommodation

Canteen at work:	Yes		
Expected type of accommodation:	Info will be handed in later	Estimated cost of lodging:	350 EUR / Month
Accommodation will be arranged by:	IAESTE	Estimated cost of living incl. lodging:	750 EUR / Month

Additional Information

see additional documents

Nomination Information

Deadline for nomination:	31-MAR-2019	Please send nominations by	Exchange Platform
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Date:	11-JAN-2019	On behalf of receiving country:	Felicitas Schnabel
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