

Research Assistant (m/f/d) Automation and Control Technology, Applications of AI and Machine Learning in Forming Technology

Your Tasks:

- Management of own research and development projects at the institute for the controller design of low- and high-frequency production processes
- Modeling of forming processes and their numerical calculation
- Designing suitable algorithms for process improvement in the context of machine control hardware or process sensors
- Development, application and testing of modern ML solutions in the institute's laboratory environment and also with partners from industry
- Self-determined shaping of one's own international scientific profile

We offer you:

- Creative tasks at the intersection of science and industry practice
- Independent project work in a well-structured research environment
- Cooperation with renowned companies in the supplier industry
- Opportunity for a PhD for your personal development
- pleasant and collegial working atmosphere at the institute

Your Profile:

- Degree in computer science, cybernetics, control engineering, preferably with experience in controller design and data science
- Interest in tasks relating to the sustainable design of production technology for future mobility concepts (fuel cells, electrolyzers)
- Very good command of written and spoken English
- Technical curiosity, independent working style, logical thinking and ability to work in a team

Are you interested? You can find an overview of the Institute's various research lines on our website at www.ifu.uni-stuttgart.de

We look forward to receiving your online application. Please send it to Ms. Mellinger in Human Resources Management at heidi.mellinger@ifu.uni-stuttgart.de

The University of Stuttgart would like to increase the proportion of women in the scientific field and is therefore particularly interested in receiving applications from women. Severely disabled persons will be given priority if they are equally qualified. Recruitment is carried out by the Central Administration of the University of Stuttgart and is governed by the Wissenschaftszeitvertragsgesetz (WissZeitVG).