



JOHN DEERE

There are 7 billion people on this planet. And by 2050, there will be 2 billion more... many moving into urban centers at an unprecedented rate. Making sure there is enough food, fiber and infrastructure for our rapidly growing world is what we're all about at John Deere. And it's why we're investing in our people and our technology like never before in our 180-year history. Here the world's brightest minds are tackling the world's biggest challenges. With 73.500 employees worldwide, we achieve a total net sales and revenues of more than 39 billion USD.

The European Technology Innovation Center (ETIC) of John Deere is part of a global R&D network in Kaiserslautern. Its focus is on the research on and development of future trends and technologies in the area of mobile agricultural and construction machines in close collaboration with diverse research institutes.

The John Deere ETIC in Kaiserslautern, Germany is offering starting March 2021 a

PhD position in the area of "Dairy & Livestock: Animal nutrition"

In this position you (m/f/d) will work on a project to identify and analyze economic headroom of dairy and livestock (D&L) operations with a focus on animal nutrition. This includes planning, setup and execution of tests in Europe as well as identification of customer requirements. Statistical methods will be used to derive results from information gathered. Transfer of results in a viable format is part of this position.

Your profile should include:

- Above-average master's degree in agricultural science or similar fields of study
- Detailed knowledge of agricultural production systems and practices, specifically in dairy & livestock
- Understanding of animal nutrition and feed quality implications
- Experienced understanding of machine forms used to generate high quality roughage.
- Good knowledge of customer's practices on D&L farms
- Practical experience of roughage production management and willingness to work on D&L farms during experiments.
- Experience in questionnaire development, customer interactions and sharing of condensed results
- Willingness to develop complex functions and simulation and perform statistical analysis
- Driver license for tractors and cars (B, BE & T)
- Language: English on a solid level spoken and written, German is a benefit
- Basic MS Office Knowledge

You can look forward to:

- an attractive compensation package and bonus program
- a wide range of further benefits
- flexible worktime solutions to facilitate an easier combination of family and career
- multiple development and learning opportunities within a global player
- flat hierarchies and an appreciative and respectful social interaction

This posting is valid at least until February 5th, 2021.

Temporary contract for three years with an employment percentage of 75% (26,25h/week).

We look forward to your online-application via our application portal!

This is not what you are looking for? Sign in for our job agent!

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The John Deere ETIC in Kaiserslautern, Germany is offering as soon as possible a

PhD position in the area of „Machine, application and process automation within a Dairy and Livestock farm production system “

In this position, you (m/f/d) will work with current agricultural technology and drive future technology development. You will develop solutions for agriculture production systems which will be deployed on highly automated agricultural machines and systems to further drive highly productive farming. Already at an early stage, you will take over responsibility in cooperation with internal and external partners and research institutes and will contribute significantly to the success of the project. The assigned tasks will give you the opportunity to perform your PhD on the job. You will be given the opportunity to adapt the focus and the depth of your studies to your interests and the subject area of your university studies.

Major Duties:

- Build a solid agricultural understanding of corn silage production for dairy & Livestock
- Play a lead role in coordinating an international development project
- Analyze agriculture application and machine data and develop solutions to optimize and automate applications steps where possible
- Define and support test measurement runs of prototypes and production solutions
- Gather customer feedback and customer needs
- Report project progress to the development team on a regularly basis

What Skills You Need:

- Above average graduate of agricultural sciences, mechanical engineering, electrical engineering or comparable area w/ right to pursue a PhD
- Experience with programming and data analysis
- Willingness to do scientific work
- Openness and interest in agricultural technology
- Good command of English both written and spoken – German is a benefit
- Solid communication skills
- Strong ability to work well in teams
- Willingness to travel to a limited extent
- Driver license for car and tractor (B, BE, T)
- Experience in precision farming is of benefit
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- flexible worktime solutions to facilitate an easier combination of family and career
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- flat hierarchies and an appreciative and respectful social interaction

This posting is valid at least until February 2nd, 2021.

Temporary contract for three years with an employment percentage of 75% (26,25h/week).

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