



The Christian-Doppler Laboratory for Sustainable Product Management in a Circular Economy at the University of Graz is looking for a

## Project employee without doctorate

(40 hours a week, temporary employment for 3 years,  
position to be filled as of September 2020)

### Your duties

- Participation in the research of the Christian-Doppler (CD) Laboratory for Sustainable Product Management in a Circular Economy
- Specialization on sustainability assessment and sustainable product development of automotive components
- The research in this project will focus on the development of a methodology that enables the determination of a global sustainability optimum regarding the selection and design of an automotive component for its application in different vehicle configurations and use scenarios
- Among other tasks, this will involve:
  - definition of sustainability issues (environmental, social, economic) to be included in the target function
  - modelling of use scenarios
  - development of a comparative sustainability assessment and design framework
  - feasibility testing
- Conducting a dissertation in the context of the research in the CD-Laboratory
- Participation in conferences, publications in peer-reviewed journals and other media of knowledge transfer
- Participation in organizational and administrative tasks
- Continuing education in research skills

### Your profile

- Diploma or Master's Degree
  - in sustainability sciences (e.g., environmental systems sciences, sustainable development, industrial ecology) or social sciences (e.g., business administration, economics, ...) with affinity for automotive engineering, or
  - in engineering with proficiency in sustainability management and assessment
- High commitment and motivation for scientific work and the completion of a doctoral degree
- Proficiency in qualitative and quantitative research methods
- Data analysis and programming skills, preferably in R and/or Python
- Basic knowledge in mathematical optimization
- Very good written and spoken English skills
- Structured and goal-oriented thinking
- Self-initiative and reliability as well as organizational, cooperation and team skills
- Very good communication skills
- Motivation to work in international and interdisciplinary teams
- Responsible way of working, resilience and problem solving ability
- Publication experience is beneficial



## Classification & Salary

- Salary scheme of the University Collective Agreement (“Universitäten-KV”): B1 (minimum salary 2.929 €)

## Application procedure

If you are interested in this position, please submit your application documents (motivation letter, CV, certificates,...) before the application deadline to: [rupert.baumgartner@uni-graz.at](mailto:rupert.baumgartner@uni-graz.at).

Please combine all documents in a single file and enter "CD-PhD-02" as subject in your email.

For further questions please contact Prof. Dr. Rupert Baumgartner (Institute of Systems Sciences, Innovation and Sustainability Research) at +43 316 380 3237.

Application Deadline: **August 14<sup>th</sup> 2020**