

Doctoral Researcher/PhD Student (f/m/d)

Department of Information Systems for Sustainable Society (IS3) of Prof. Dr. Wolfgang Ketter

The University of Cologne is one of the largest and most research-intensive universities in Germany, offering a wide range of subjects. With its six faculties and its interfaculty centres, it offers a broad spectrum of scientific disciplines and internationally outstanding profile areas, supported by the administration with its services.

The key research initiative „Sustainable Smart Energy & Mobility“ (SSEM) and the Institut of Energy Economics look to advance society toward a sustainable future. SSEM and EWI use state-of-the-art methods from AI, economics, and operations management.

YOUR TASKS

- » Conduct research on smart energy and mobility systems
- » Publish results in leading journals
- » Participate in general research activities within the key research initiative SSEM
- » Participate in teaching activities

YOUR PROFILE

- » Excellent master's degree in information systems, computer science, business management, economics or an affiliated field
- » Profound knowledge in quantitative research methods
- » Profound knowledge of data analytics and machine learning techniques as well as programming skills (e.g., Python, Java, Julia) are highly desirable
- » Excellent verbal and written English skills

WE OFFER YOU

- » doctoral studies under co-supervision of Professors Ketter and the other KRI professors
- » a diverse and fair working environment
- » support in reconciling work and family life
- » flexible working time models, full-time positions suitable for job sharing
- » extensive advanced training opportunities
- » occupational health management offers
- » local transport ticket at a discount for UoC employees

The positions are available from now on a part-time basis (75%). It is limited to 4 years. If the applicant meets the relevant wage requirements and personal qualifications, the salary is based on remuneration group 13 TV-L of the pay scale for the German public sector.

The University of Cologne is committed to equal opportunities and diversity. Women are especially encouraged to apply and will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from people with disabilities / special needs or of equal status.

Please apply online at: <https://jobportal.uni-koeln.de> with proof of the sought qualifications. The reference number is Wiss2009-16. The application deadline is December 12,2020.