The **Information Systems Area of the Faculty of Management, Economics and Social Sciences** of the University of Cologne invites applications for a

Doctoral Student and Teaching Assistant in Information Systems, Digital Transformation and Analytics (m/f)

starting as soon as possible with a weekly working time of 19.92 hours (50% Position). The salary is based on the German TVL-13 scale if terms and conditions under collective bargaining law are fulfilled. The initial contract is limited for three years.

Our group

The doctoral candidate will work closely with the Digital Transformation research initiative. Researchers in this initiative collaborate closely with the Information Systems and Marketing Departments. The goal is to produce and disseminate cutting-edge research about the impact of the digital transformation of business and society.

The University of Cologne is a superb place to do your doctoral work. We are internationally recognized for rigorous academic research and have an interest in managerially relevant problems. We have a strong empirical working tradition - often in cooperation with (international) companies. The research output is often published in top international journals.

The University of Cologne is the largest university in Germany drawing on one of the longest academic traditions. Located in the heart of Europe, Cologne has always been a very international city with a constant influx of younger people from other parts of Germany and abroad.

Responsibilities

As a doctoral student you will study the relevant literature and apply appropriate (quantitative) methods to meaningful and interesting questions about the digital transformation of our society. There has never been a more exciting time than today to pursue a doctoral degree in this area!

An essential part of the research activities of the candidates will be dedicated to his/her work on a dissertation project (supervisor will be Prof. Dr. Jörn Grahl). The candidates will also be involved in additional international research projects. The outcome of these projects will be disseminated through publishing in international research journals as well as through presentations at international academic conferences. Attending advanced graduate courses is part of the training. In addition, the candidates will participate in the organizational management and support of the initiative (teaching assistance, research assistance, administrative support etc.).

Education and Experience

We are looking for potential candidates with a master's degree or equivalent in business administration, economics, statistics, or computer science, with excellent results. Furthermore, candidates should be interested in pursuing doctoral work in information systems. The ideal candidate should have excellent skills in at least two of the following areas:
- Econometrics
- Social network analysis/network science
- Predictive modeling
- Computer science

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Very good quantitative skills and command of written and oral English are required.

We offer
- the opportunity to obtain a doctoral degree at an internationally recognized university;
- a rigorous and systematic doctoral training in empirical and analytical methods and their application to real-world problems;
- a supportive, motivated, and ambitious team.

The University of Cologne is an equal opportunity employer in compliance with the German disability laws. Persons with disabilities with equal capability, suitability and professional experience are favored and strongly encouraged to apply. Women with equal capability, suitability and professional experience are favored and strongly encouraged to apply.

The deadline for applications is **October 15th, 2015**. Interested candidates should send their application (in English, email applications preferred), statement of research interest, and informative references to:

Prof. Dr. Jörn Grahl
Digital Transformation and Analytics
University of Cologne
grahl@wiso.uni-koeln.de

www.uni-koeln.de