



Karlsruhe Institute of Technology

Karlsruhe Institute of Technology
Personalservice (PSE)

Kaiserstraße 12
76131 Karlsruhe

<http://www.pse.kit.edu>

**1 Post-Doc position (f/m/d) in the
Interdisciplinary DFG Research Training Group (Graduiertenkolleg) 2739/1
on Information Systems, Psychology, Computer Science, Management, Economics
"KD²School: Designing Adaptive Systems for Economic Decisions"**

Research Focus

With this post-doc position, we aim to investigate the addiction potential of smartphone apps and other adaptive systems. The post-doc will have the possibility to develop and implement own research ideas. This may include, for example,

- monitoring social app usage on smartphones and predicting this behavior via trait self-control or personality,
- predicting momentary social app usage by mood or sleep (assessed via accelerative sensors),
- investigating the influence of social app usage on neurocognitive processes (assessed via neurocognitive tasks in daily life),
- using current theories from addiction research and testing those on smartphone addiction, etc.

We Offer

The position is available at Karlsruhe Institute of Technology (KIT) for 2+2 years, ideally starting **December 1st, 2021**.

We will provide an excellent environment to do cutting-edge ambulatory assessment research: With four cutting-edge laboratories [KD²Lab](#), [CSLab](#), [fMRI-Lab](#), [DeclS-Lab](#), KD²School offers access to excellent facilities, attractive workplaces, diverse and responsible tasks, a wide scope of advanced training options, and flexible working time models. The post-doc will be mentored by Prof. Christoph Weinhardt (the head of the research training group) and Prof. Ulrich Ebner-Priemer.

You Provide

Successful candidates should have completed their PhD studies (or complete them very soon) in the fields of psychology, neuroscience, or related fields. We expect the post-doc to conduct self-determined research that integrates with the overarching goal of the research training group (KD²School) – which is the development of theories, models and technologies for adaptive systems that support economic decision-making. The post-doc is expected to foster cooperation with and between other research group members by integrating their research on addictive tendencies in smartphones and other adaptive systems.

Application

We aim to balance the diversity (f/m/d) of employees. We kindly encourage female applicants to apply for this job. Please submit your application (including your professional CV and certificates) via E-mail to KD2School@iism.kit.edu. Further information about the KD²School can be found at www.kd2school.info.