TUM

Opportunities for Talents

To build our integrative multimethod leadership Lab, we are in search for a

Researcher – Social Neuroscience / Leadership
option to complete a PhD

(75%, E 13 TV-L; from November 2018, limited until September 2021, extension possible)

Who we are

The TUM School of Management offers an outstanding environment for top-level research. The Chair for Research and Science Management in collaboration with the TUM Executive Education Center provide the unique opportunity to investigate actual real-life leaders. TUM is one of the largest and most distinguished universities in Germany and has repeatedly been ranked as one of the leading universities in Europe. It combines an international imprint with an outstandingly entrepreneurial spirit. At TUM, technology, high-impact research, and management are structurally combined.

Your tasks

In the context of this position you will conceptualise, implement, and conduct innovative multimethod studies to investigate the bio-physiological underpinnings of leadership behaviours. Thereby, focus will lie on the full range of leadership including positive and destructive styles. We will investigate leadership and its relation to behavioural aggression, impulse control, and various biological markers (e.g., heart rate variability, skin conductance level, electroencephalography, possibly fMRI). You are expected to conduct multimethod laboratory measurements (including experienced leaders as participants) and supervise student assistants. You will have the opportunity to program and optimise cognitive tasks, analyse data, and write scientific manuscripts. We expect you to be comfortable presenting ideas to scientific and non-scientific audiences and to be open to give courses and workshops in student- and executive-education.

We expect

- A Degree (Master or equivalent) in Experimental Psychology, Cognitive Neuroscience, Management / Organisational Studies, and/or Behavioural Economics or similar areas
- Experience with experimental and/or neuroscientific methodology, experimental design, and participant recruitment
- Explicit interest in social psychology / social neuroscience, particularly leadership
- Good expertise in statistics and openness to learn new methods
- Initiative, sense of responsibility, self-discipline, and organisational talent
- Ability to integrate into a diverse and interdisciplinary team
- Basic programming skills (preferably Python / Psychopy) advantageous
- Very good English skills (written and oral) and willingness to learn German

We offer

This project offers a collaborative work environment, experienced and informed supervision combining outstanding expertise in leadership research and social neuroscience (Prof. Dr. Claudia Peus, Dr. Franziska Emmerling), and will enable your scientific creativity and independence. The team is truly interdisciplinary and creates an open-minded and friendly work atmosphere. We support your scientific development, your career goals, and the establishment of a professional network.

Individuals with disabilities will be hired preferably, if equally qualified. TUM opts to increase the number of women in scientific positions and applications by women are, thus, explicitly welcome.

Application

We are looking forward to getting to know you! Please send any inquiries about the position and/or your complete application (including CV and motivation letter) as one single pdf document to Dr. Franziska Emmerling (franziska.emmerling@tum.de) *until July 1st*.

Position subject to the approval of the Ministry of Science and Art.

Technical University Munich (TUM), Chair for Research- and Science-Management

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