The University of Kassel establishes the interdisciplinary Research Training Group (RTG) *Biological Clocks on Multiple Time Scales* ([http://www.uni-kassel.de/go/multiscale_clocks](http://www.uni-kassel.de/go/multiscale_clocks)), which is funded by the German Research Foundation (DFG) from 1. April 2022 on. The RTG aims at investigating the principles of timekeeping in living organisms, enabling to orchestrate periodic processes with very different frequencies ranging from infradian over circadian to ultradian rhythms. The unique approach is to combine the expertise of biologists, physicists, chemists, mathematicians, and engineers to advance the understanding of biological clocks. The RTG comprises 13 projects, two of which are of a more mathematical nature: *P9: Models & simulations for new insights into physiology of clocks and ways of adapting it* (PI: Prof. Elfriede Friedmann) and *P11: Model reduction via symmetries and conservation laws for systems on multiple time scales* (PI: Prof. Werner M. Seiler). For these projects, we seek outstanding research assistants with a master's degree in mathematics or in a closely related field. Advantageous are experiences in dynamical systems, partial differential equations, finite element methods, Lie symmetries, singular perturbation theory or programming.

In the first phase, the RTG seeks to fill – among others - the positions of **2 Research Assistants (m/f/d)** for the mathematical projects:

- **Starting date:** April 1, 2022, or soon thereafter.
- **The positions are paid according to 75% of the pay-scale EG 13 TV-H and are limited to 36 months (§ 2 Abs. 1 Satz 1 WissZeitVG).**
- **Application deadline:** 31.01.2022
- **Expected qualification:** master’s degree in mathematics or a closely related field.
- **Besides the usual documents, please include the “Extra Application Form” found at [https://www.uni-kassel.de/forschung/multiscale-clocks/open-positions-apply-now](https://www.uni-kassel.de/forschung/multiscale-clocks/open-positions-apply-now). This page contains also further details about the application process.**
- **Reference:** 34676

Further positions may be available also at later dates. Please check regularly the RTG webpage [http://www.uni-kassel.de/go/multiscale_clocks](http://www.uni-kassel.de/go/multiscale_clocks).