



Karlsruhe Institute of Technology

**Satellite Climatology**  
**Prof. Dr. Jan Cermak**

Within a new collaborative project in the context of photovoltaics forecasting we are looking for a

## ***Scientist (PhD student or post-doctoral researcher) in*** **Satellite-Based Detection and Forecasting of Fog Dissipation**

The position can be filled immediately, and is available for up to three years (PhD position, 75% E13) or two years (post-doctoral position, 100% E13).

To enjoy this post you should be interested in

- fog and clouds
- the application of machine learning techniques for analyzing the climate system
- exploring new ways to exploit satellite data
- pursuing your own ideas in close exchange with others
- profiting from the immense collaboration potential in the group, the project, and at KIT

If this sounds good to you and you have a relevant background in climate science / machine learning / remote sensing, we are looking forward to hearing from you as soon as possible via email to [jan.cermak@kit.edu](mailto:jan.cermak@kit.edu).

**Karlsruhe Institute of Technology (KIT)** is one of the biggest research institutions worldwide and has access to state-of-the art research facilities resulting from the merger of the National Research Centre of the Helmholtz Association and the former Technical University. For the atmospheric sciences in particular, this means a vibrant and exciting environment full of opportunities.

**The Satellite Climatology group** is interested in the role of clouds in the climate system, with ongoing projects focusing on the development and application of **satellite techniques and machine learning** in climate system research (<http://www.imk-asf.kit.edu/english/satelliteclimatology.php>).

**Karlsruhe** is a city of about 300,000 in the sunny south-west of Germany, with lots of urban green, a lively cultural environment, excellent public transport, very cycle-friendly, and with easy access to the Black Forest mountains.