

Bachelor's work:

Experimental setup for probing ice nucleation onset

- Description:** KIT IMK-AAF (<http://www.imk-aaf.kit.edu/24.php>) seeks a qualified student currently enrolling in Science or Engineering related degree at Bachelor's level. The successful applicant will have a BS with experience in optics, cloud physics and ice nucleation processes. The student will learn and practice building an optical setup to probe ice nucleation onset using total internal reflection TIR. In addition, he will be shortly introduced to nonlinear optics and their applications in atmospheric surface science.
- Keywords:** Optics, Environmental Physics, Atmospheric Physics, Ice Nucleation
- Qualification:** Physics, Optics
- Institute/Department:** Institute for Meteorology and climate research - Atmospheric Aerosol Research (IMK-AAF)
- Starting date:** Immediately
- Supervisor:** Dr. Ahmed Abdelmonem, IMK-AAF, phone: +49 721 608-24520 (e-mail: ahmed.abdelmonem@kit.edu)
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