

We are shaping the world with sensor solutions!

ams' success, being a world leader in the design and production of high performance analog ICs and sensor solutions is driven by our most important asset - our employees. To support our continuing growth, we are looking for people with ideas, people who want to make a difference and are focused on being the best.

PhD student for VCSEL Failure Analysis and Reliability (m/f)

Job No. 2936

Job description/tasks and responsibilities:

- Work in lab and fab environments (ams Austria, ams Singapore, ams Princeton, FELMI Graz)
- Establish Theoretical background in VCSEL, Failure Analysis and Reliability
- Establish Hands-On experience on Failure Analysis, Reliability and Test equipment
- Develop and establish new FA methodologies (focusing on analytical and in-situ TEM)
- Develop and establish reliability models
- Present and publish scientific relevant results

Education/experience:

- Technical Degree (Master or equivalent) in electrical engineering, chemistry, material science, physics or similar
- Excellent problem solving and communication skills
- High self-organizing skills and good communication skills, team player
- Capable to succeed in a fast paced environment
- Advanced English skills – spoken and written
- Willingness to work in an international team
- Willingness to travel and work abroad

Workplace:

Premstätten, Styria, Austria

Collective salary and wage agreement:

The employment is in accordance with the collective salary and wage agreement for employees of the electrical and electronics industry, employment group F. (<http://www.feei.at/arbeitswelt/kv-tabellen-statistik/mindestloehne-und-gehaelter-2018/>).

ams offers a great work environment with exciting career paths and trainings, attractive salaries, a profit sharing program, social events and much more.

If you enjoy creativity and innovation, working in teams and an open and friendly corporate culture, we are looking forward to your application via our recruiting platform: www.ams.com/eng/Join-Our-Team/Open-Positions

The text 'Step up.' is written in a large, white, sans-serif font. The background of the entire page is a blue-toned image of a person climbing a staircase, with a grid of glowing squares behind them, suggesting a technological or industrial setting.