



## **Scientist position at Namlab Device Engineer**

Namlab is looking for a scientist (**PhD student**) for the assessment of ferroelectric AlScN based MIM capacitors for various semiconductor applications. The work includes AlScN process development, device fabrication, characterization, evaluation of degradation mechanisms, and methodology improvement. For details about ferroelectric based MIM capacitors see the NaMLab webpage: <https://www.namlab.com/research/dielectric-materials/hafnium-oxide-based-ferroelectric-materials/>

### **The skills required for this position are:**

- Knowledge of atomic layer deposition
- Knowledge of semiconductor technology
- Knowledge of semiconductor devices
- Skill in electrical characterization
- Good technical comprehension
- Interest in practical work
- Creativity

### **Your profile:**

- Degree in Electrical Engineering, Material Science or Physics
- Ferroelectric material expertise
- Knowledge of non-volatile memory concepts preferred
- Organizational skills
- Familiarity with team work

### **Period:**

- Starting date: as soon as possible
- Duration: 3 years

### **We offer:**

The salary will be based on German university (TV-L) standards.

For further information please contact:

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