Scientist position at Namlab (PhD student)
Device Engineer

Namlab is looking for a scientist (PhD student) to investigate HfO_2 capacitors for ferroelectric, pyroelectric, and piezoelectric applications. The work includes device fabrication, characterization, material physics, and experimental design. For details about ferroelectric HfO_2 based MIM capacitors see the Namlab webpage:
http://namlab.de/research/dielectric-materials-1/hafnium-oxide-based-ferroelectric-materials
http://namlab.de/research/dielectric-materials-1/piezo-and-pyroelectric-materials

The skills required for this position are:

- Knowledge of material physics and/or device physics
- Familiarity with semiconductor devices and circuits
- Skill in electrical characterization
- Good technical comprehension
- Ability to setup and customize remotely-controlled, electrical measurements
- Creativity

Your profile:

- Degree in Electrical Engineering, Materials Science, or Physics
- Ferroelectric material expertise or device physics
- Solid understanding of electrical circuits and components
- Interest in materials sciences, applied physics, and electronic devices
- Motivated self-learner
- 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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