

# Theoretical Physics Student JB - 149

## **Job Description:**

Research and development of future optical metrology technologies for semiconductor manufacture.

## **Description:**

- The advanced application development group is a focus group of scientists designed to generate the company's next generation technologies and applications.
- The group's main strive is innovation. New ideas are encouraged and steered for further analysis.
- A variety of tools are at the group's disposal: theory, modeling, simulation, phenomenology, and experiment.
- The group is a dynamic work environment with advanced peer interaction.

## **Specific roles:**

1. Develop and test algorithms for optical metrology.
2. Develop, perform, and analyze results from experiments and numerical simulations.
3. Research future technologies and applications with analytic tools.

## **Qualifications (required):**

- MSc/Phd student in Physics/ Mathematics/ Optics / strongly related field
- Strong data analysis capabilities.
- Very good programming skills (Matlab/Python/C/C++/Fortran)
- Able to work at least 20 weekly hours
- One year or more left till graduation
- This role is located in Yokneam

## **Qualifications (desired):**

- Strong analytical capabilities
- Experience with numerical simulations.

Please send CV's with the position's Job Code (JB-149) to : [Academic@kla-tencor.com](mailto:Academic@kla-tencor.com)



The future is calling.  
**WILL YOU ANSWER?**