

# Application Development Engineer in Optical Metrology Division

## In this job you will:

- Developing advanced applications and algorithms for state of the art Optical Metrology systems. Overall responsibility starts at project inception and ends at the adoption in production by the customer
- Develop test cases; characterize customer defects, new products and/or features
- Provide technical support in the development and implementation of customer applications dealing with Optical Metrology products and features
- Providing escalation support to onsite field service engineer; Leading and coordinating remote/local troubleshooting
- Developing recipes to model complex optical applications
- Providing application support and training to customers directly
- Presenting solutions to the customer
- Supporting Pre and Post Sale activities

## Requirements:

- BSC/MSc in Physics, Optical Science/Engineering, Chemical Engineering, Physical Chemistry, Electrical Engineering, Materials Science
- Knowledge of at least one of the following is required: Optical systems, Semiconductor processing and Fabrication, Algorithm development and implementation in Matlab
- (or similar SW tool)
- Experience in the semi-conductor industry, mainly in the lithography process – is an advantage
- Travel (on average  $\leq 30\%$ ) will be required

• **Work Location: Migdal HaEmek, Israel**

• **Transportation Services are available**

• **Relevant CV to [Ella.Kogan@kla-tencor.com](mailto:Ella.Kogan@kla-tencor.com)**