Application Development Engineer
Optical Metrology Division

Responsible for:

- 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 customers 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

Job requirements

- Msc, in Physics, Optical Science/Engineering, Chemical Engineering, Physical Chemistry, Electrical Engineering, Materials Science.
- PhD is an advantage.
- 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 ≤ 20%) will be required
- Self-driven, yet a strong team player.

Please send relevant CV to ella.Kogan@kla-tencor.com

Work Location: Migdal Aemeq, Israel

*****Transportation is available from Tel Aviv area*****