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 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

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 ≤ 30%) will be required

• Work Location: Migdal HaEmek, Israel
• Transportation Services are available
• Relevant CV to Ella.Kogan@kla-tencor.com