We are looking for:
• Highly motivated physicist to join a team of researchers, involved in path-finding for new technologies for next generation metrology systems used at the most advanced processes in semiconductor industry
• The scientist will be engaged in all activities of technology development from problem definition to concept verification and introduction into next generation product

Position responsibilities include:
• Physical and mathematical modeling of interaction between light and complex structures
• Development, verification and experimental validation of new metrology concepts for improved metrology
• Close interaction with customers that are leaders in semiconductor industry

Requirements:
• PhD in Physics/Electrical Engineering/Applied Mathematics or related fields
• Highly creative
• Works in a dynamic environment
• Experienced in optics/optical metrology/electrodynamics/algorithm development
• Highly familiar with programming tools such as MATLAB/Python
• Familiar with EM simulation packages as Lumerical or COMSOL

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