Research Scientist with background in Signal/Image Processing and Machine Learning

About the Group:
• The algorithms group is responsible for researching and developing the algorithms for sub-nanometer overlay microscopy
• The group main strive is innovation. New ideas are encouraged and steered for further analysis
• Group members use theory, simulation, experimental data analysis, modeling, and phenomenology
• The group is a dynamic work environment with advanced peer interaction, and strongly interact with other R&D teams in the organization
• The aim of group is achieving breakthroughs in the next generation of the most advanced overlay metrology technologies. The algorithms group conducts research in all phases of product development
• In the algorithms team, you will take part in research and development of the most advanced overlay microscopy technologies
• Your work will have great impact on the next generation of semi-conductor technologies
• You will have a challenging role in a dynamic environment which encourages creativity and innovation

• Requirements:
• PhD in Electrical Engineering or Computer Science (or MSc with strong background)
• Strong background in Signal & Image processing / Machine Learning / Computer Vision
• Experience in algorithm development and implementation in Matlab / Python
• Experience with Optical Systems / Microscopy – an advantage
• Experience in the semi-conductor industry – an advantage

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