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