Physicist – Student Position

Applied Materials develops and manufactures advanced tools for the semi-conductors industry. The Scanning Electron Microscope physics group is part of the research and development division.

Roles & Responsibilities:

- Participate in development of SEM columns, electron detectors and SEM applications.
- Perform laboratory experiments and data analysis related to charged particle optics and interaction of electron beams with matter.
- Build simulation models of charged particle optics devises.

Requirements:

1. MSc/PhD students in experimental physics/applied physics/electrical engineering.
2. At least one year remaining till graduation.
3. Available for at least 23 hours a week.
4. Experience in SEM, accelerator physics, solid state physics - an advantage.
5. Experience in semiconductor industry - an advantage.

Please send your CV to: Jobs_israel@amat.com