

Open Positions !!

MSc, (direct)PhD and postdoctoral research positions in the fascinating field of low-dimensional materials with a unique correlation between magnetism and optical properties

- **Preparation:** Developing fabrication procedures of the following materials: semiconductor quantum dots, rods, wires, platelets, alloys, perovskites and magnetic lamellar materials.
- **Physical methodologies:** Magneto-photoluminescence (PL), optically detected magnetic resonance, microwave modulated-PL, cyclotron resonance modulated-PL (all, continuous and time-resolved).
- **Modeling:** DFT, k^*p , kinetic and spin-related issues.
- **Implementation** in prototype devices: detectors, solar energy, light sources, quantum-related applications.

Decent annual fellowship and an option of in-campus housing

***For details, please contact Prof. Efrat Lifshitz
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