



## Open positions for PhD and Postdoctoral research scientists in Experimental Plasma Physics

The Plasma Laboratory of the Weizmann Institute of Science, Israel, is looking for highly qualified candidates to apply for the PhD and Postdoctoral fellowships.

In the Plasma Laboratory we address the basic physics of high-energy-density plasmas. The main experimental platforms are Z-pinch systems, with and without embedded magnetic fields. Key questions include the conversion of electric and magnetic-field energy into particle kinetic energy and radiation, plasma rotation, plasma turbulence, and fast penetration of magnetic field into plasma.

The experimental work is based on the employment of novel spectroscopic diagnostic methods (from visible to x-rays) and design and build up of fast (sub ns) spectroscopic systems, supported by atomic kinetics modeling (collisional-radiative, line-shape, and radiation transport computations).

We collaborate with universities and institutions in Europe and the US.

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