

Postdoctoral scientist position in optical trapping and cooling of dielectric nanocrystals

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<http://www.optics.rochester.edu/workgroups/vamivakas/>

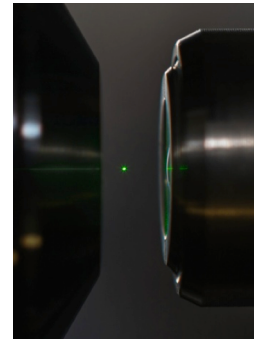
Interested in the intersection of nano-optics, nanomechanics and quantum optics? We currently have a position available for a postdoctoral scientist that focuses on the optical trapping and control of dielectric nanocrystals. We are also investigating using the trapped crystals as novel probes for force metrology. The applicant should have broad experience in optics as well as expertise in electronics and vacuum technology. A PhD in physics, engineering or closely related discipline is expected.

See the following publications if interested:

<http://www.nature.com/nphoton/journal/vaop/ncurrent/full/nphoton.2015.162.html>

<http://arxiv.org/abs/1503.05233>

If interested please contact Nick Vamivakas at nick.vamivakas@rochester.edu. Don't forget to attach a CV to the email.



levitated nanocrystal in an optical dipole trap.