

## Postdoc in Mesophotonics

Applications are invited for a postdoctoral position in the Department of Physics and Optical Science at the University of North Carolina &ndash; Charlotte, starting no later than October, 2009. The appointment will be for a two-year period, renewable for a third year, contingent on performance and funding. The successful candidate will be engaged in developing of microsphere resonator arrays with applications in 3D photonic integration including slow light devices, filters, arrayed-resonator LEDs, sensors and compact spectrometers. Applicants should have an experimental background in one or several of the following: spectroscopy, optical tweezers, microresonators, dielectric microspheres, whispering gallery modes, fiber optics, coupled resonator optical waveguides, couplers, micro-manipulation and self-assembly. To apply, send a resume along with a one or two page statement of how your research interests are related to developing photonic integrated circuits, and arrange for two or three letters of recommendation to be sent to: Prof. Vasily N. Astratov, University of North Carolina &ndash; Charlotte, Department of Physics and Optical Science, 9201 University City Blvd., Charlotte, NC 28223-0001. Email: [astratov@uncc.edu](mailto:astratov@uncc.edu). For informal discussion and further details, please contact Dr. Vasily Astratov at: [astratov@uncc.edu](mailto:astratov@uncc.edu) or by phone at: 1-704-687-8131. Applications will be accepted until August 31, 2009 or the position is filled. The University is an Equal Opportunity/Affirmative Action employer.  
International Candidates Will Be Considered

Also, see our ad in Physics Today .