

Postdoctoral position in atmospheric laser spectroscopy

The Atmospheric Chemistry group in the Dept. of Civil and Environmental Engineering at Princeton University and in the NSF Center for Mid-Infrared Technologies for Health and the Environment (MIRTHE) seeks qualified postdoctoral applicants to conduct novel measurements of the atmosphere using quantum cascade lasers. Applicants with experience in spectroscopy, laser design and characterization, or laser systems development (optics/electronics) are particularly encouraged to apply. We are developing instruments to measure important species in global climate change and aerosol particle/cloud microphysics through experimental field studies. High-precision (<0.1%) and high sensitivity measurements (parts per trillion) will significantly advance our understanding in these areas. For more information, please send a cv, short statement of interest, and contact information for three references to poacelli@princeton.edu with LASER in the subject line.

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