



Photonics Research Group
Department of Physics
Lakehead University
955 Oliver Road, Ontario P7B5E1
Canada.

Lakehead University, Photonics Research Group invites applications for a Postdoctoral Fellow position to work on a project to develop a device for the detection and quantification of trace gases. The project is interdisciplinary in nature and involves researchers from the areas of soil science, agriculture, photonics and spectroscopy. The successful candidate will be expected to carry out research on assigned projects and take a leading role in the development of the device. The candidate should have a PhD in gas spectroscopy or a related area. Experience in wavelength modulation spectroscopy (WMS), Cavity Ring Down Spectroscopy (CRD) and Programming based on LABVIEW or similar software would be an asset. Further, the candidate should know how to operate instruments such as a lock-in-amplifier, oscilloscope, and others.

The position is initially for one year, with the possibility of extension for one more year. The remuneration will be commensurate with qualifications. The candidate should send a CV and arrange to have at least three letters of recommendation sent via email to the principal investigator of the project:

Dr. Gautam Das
Department of Physics
Lakehead University
955 Oliver Road, Thunder Bay, Ontario P7B5E1, Canada
E-Mail: gdas@lakeheadu.ca

The completed application and letters of reference should be received by 31st December, 2013 in order to ensure full consideration; however, applications will be considered until the position is filled. In accordance with the requirements of Citizenship and Immigration Canada, Canadian citizens and Permanent Residents will be given priority.