



McGill

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Attention: Postdoctoral Research Position Available

Job Description

A postdoctoral research position to work on the development of a novel optical technique for the characterization of thermal transport and properties is available under the supervision of Prof. Samuel Huberman in the Department of Chemical Engineering at McGill University. The postdoctoral researcher will lead the experimental work for the recently awarded project titled 'Experimental platform for probing thermal properties and exotic thermal transport'. The postdoctoral researcher will work closely with theorists to validate predictions. Expected start date is January 2025.

Qualifications for this position

- Doctorate in Engineering, Physics or Chemistry on topics related to the development and/or application of optical techniques for thermal characterization
- Experience with pump probe spectroscopy is desired
- Experience with nanofabrication techniques is desired
- Experience with low-temperature material characterization is desired
- Experience programming in C++, MATLAB, and/or Python is desired

To apply, please send your CV to samuel.huberman@mcgill.ca