



Post-Doctoral Fellowship

Experimental Research in Spatial Multiplexing

We examine high capacity optical communications enabled by fibers and silicon photonics components supporting mode multiplexing. We seek a postdoctoral fellow responsible for the implementation and operation of high-speed coherent detection optical transmission over a fiber supporting multiple modes. Interested candidates should have experience in experimental research in the field of optical communications and digital signal processing. Candidates should have good communications skills in English and/or French.

This is a multiple-year position. The candidate will work under the supervision of Prof. Leslie Rusch at the Centre for Optics, Photonics and Lasers (COPL), Université Laval. Salaries will be commensurate with experience, ranging from \$55,000-\$80,000 per year.

The COPL is a multidisciplinary research centre comprising 21 faculty members and nearly 200 researchers (students, post-doctoral fellows, research professionals and faculty members). Université Laval is located in Québec City, Canada, a UNESCO World heritage site. Québec city offers a wide variety of cultural activities and easy access to outdoor activities. Please send your curriculum vitae, academic records, statement of interest and the name of three references to wen.zhang.1@ulaval.ca.

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