

# POSTDOCTORAL POSITION UNIVERSITY OF TORONTO 2016-2018

Applications are invited for a Postdoctoral Position in the Physics Department at the University of Toronto for **Theoretical Research in the Science and Applications of Photonic Crystals**. Qualified candidates must have a Ph.D. with background in condensed matter physics, quantum optics, computational electrodynamics, and/or photonics. Successful candidates will engage in full time research with Prof. Sajeew John in strong light-matter interactions in photonic crystals and light trapping effects. Applications include solar energy harvesting, lab-on-a-chip optical bio-sensing and room-temperature Bose-Einstein condensation. Familiarity with numerical and computational methods is required. A more detailed description of recent research can be found at [www.physics.utoronto.ca/~john](http://www.physics.utoronto.ca/~john). Successful candidates are also expected to have strong communication skills in order to interact effectively with graduate students and collaborating international experimental groups.

The normal duration of these appointments is 2-3 years, renewable on a yearly basis. Interested candidates should send their CV and arrange for three letters of reference to be sent to:

Prof. Sajeew John  
Dept. of Physics  
University of Toronto  
60 Saint George Street  
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[john@physics.utoronto.ca](mailto:john@physics.utoronto.ca)

