

POSTDOCTORAL POSITION UNIVERSITY OF TORONTO 2021-2023

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 light-matter interactions in photonic crystals and light localization effects. Applications to solar energy harvesting, optical bio-sensing and novel quantum phenomena will be considered. Sound trapping in phononic crystals is also being investigated. Familiarity with numerical and computational methods is required. A more detailed description of recent research can be found at 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
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