



## Post-Doctoral Fellowships in Quantum Information Processing

CIFAR's **Quantum Information Processing Program** is seeking outstanding researchers to fill two Junior Fellow positions (i.e., postdoctoral fellowships). The Canadian Institute for Advanced Research (CIFAR) is a catalyst for discovery, incubating ideas that revolutionize the international research community. The Quantum Information Processing (QIP) Program studies a wide range of topics relating to quantum information, including experimental and theoretical physics, theoretical computer science, and mathematical aspects of quantum information.

One position will begin as soon as is convenient for the successful candidate and will run through summer 2010. The other position will run for two years, beginning in fall 2009. During their tenure, Junior Fellows will be integrated as members of the QIP Program and will also participate in CIFAR's elite Junior Fellow Academy, interacting with peers in the Institute's eleven other programs. The Academy's purpose is to develop a community of broad thinking young scholars who are open to interdisciplinary collaboration, outstanding in their quality of research, and poised for future leadership roles.

Interested candidates should apply on-line at <http://www.iqc.ca/positions/postdoc-cifar/application.php?t=1>. The application should include a CV (including list of publications), a research statement, and names of up to 3 potential supervisors. Eligible supervisors must be members of the CIFAR QIP program and should normally be located in Canada, although other arrangements will be considered in exceptional cases. Applicants should also provide names and e-mail addresses of 3-4 referees (at least 3 must not be CIFAR program members). To receive full consideration, applications must be received by **Wednesday, December 10<sup>th</sup>, 2008**, although later applications will be accepted until the positions are filled.

For more information, including a list of eligible supervisors, go to <http://www.cifar.ca/QIPJuniorFellowAd>.