

Computing Science Post-Doctoral Positions - Simon Fraser University

(For full consideration, applications should be made by February 10, 2007 to SFU, not D-Wave Systems Inc.)

D-Wave Systems is partnering with SFU's Computational Logic Laboratory on the MX Project. The goal of the MX Project is to develop effective techniques for modelling and solving of search and optimization problems using logic. Further information on the project can be found at <http://www.cs.sfu.ca/research/groups/mxp/>.

Between 1 and 3 fellowships will be offered, depending upon final level of funding and availability of suitable candidates.

Ideal candidates will have background in logic for computing science, with an interest in several of:

- finite model theory and descriptive complexity
- constraint modelling languages
- logic and databases or database query processing
- solvers for SAT/CSP/SMT/QBF
- combinatorial optimization and algorithms
- knowledge representation or theorem proving

The selected candidate(s) will work closely with the other members of the MX Project team on fundamental theoretical or applied problems related to the project.

Positions will commence as soon as possible after a candidate is chosen. Current project funding is for one year, with possibility of extension. Funding will depend upon background, but will be not less than \$42,000 CAD, with the possibility teaching a one-semester course for additional stipend. Some funds will be available for conference travel.

Simon Fraser University is located atop Burnaby Mountain in Vancouver, Canada. Vancouver thrives as a scenic waterfront city located just minutes away from the mountains and a wide range of outdoor activities. Vancouver's cultural and intellectual pursuits, leisure opportunities, favourable climate, and clean and safe environment are consistently cited as quality of life factors that make it one of the most desirable places in the world to live and work.

Interested applicants should contact one of project leaders at SFU:

Eugenia Ternovska <mailto:ter@cs.sfu.ca>
David Mitchell <mailto:mitchell@cs.sfu.ca>