Tier 2 Canada Research Chair (CRC) – Quantum Computing

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The School of Computing Science at Simon Fraser University (SFU) invites applications for a prestigious Tier 2 Canada Research Chair (CRC) in Quantum Computing. SFU is the host university of the Quantum Algorithms Institute, which is an interdisciplinary, multi-university initiative with an initial investment of $17M committed by the Province of British Columbia. In addition, Vancouver is the home of multiple leading quantum companies such as D-Wave and 1Qbit.

CRC Tier 2 positions are intended for exceptional emerging scholars. They are tenable for five years and may be renewed once. The successful candidate will also be appointed as a tenure-track or tenured faculty member at either the assistant professor or associate professor rank in the School of Computing Science. In addition to the national and international recognition, CRC Tier 2 positions offer salary top-ups, teaching releases, and additional research funding. This CRC Tier 2 position will be based at the SFU Surrey campus in Metro Vancouver to foster collaboration with the researchers and industrial partners affiliated with the Quantum Algorithms Institute, which is also located at the SFU Surrey campus.

We are seeking a candidate with a prominent international profile in the practical and theoretical aspects of quantum computing. Areas of interest include, but are not limited to, quantum algorithms, quantum-safe cryptography, systems software for quantum computers, quantum AI, and theoretical foundations of quantum computing. Candidates are expected to have an excellent research program with a strong publication record. Candidates with practical and interdisciplinary experience will be given a priority. Candidates with a commitment to the advancement of women and other groups who experience marginalization in computer science are especially encouraged to apply.

SFU School of Computing Science has consistently been ranked among the top computer science departments in Canada and internationally. The School currently has 65 faculty members, 400 Ph.D. and M.Sc. students, and 2,000 undergraduate majors. SFU is located in Metro Vancouver, one of the most livable cities in the world.

To apply, please submit your curriculum vitae, research and teaching statements, and the names and email addresses of at least three referees to our on-line application system at:

http://www.sfu.ca/computing/about/job-opportunities.html

Full consideration will be given to applications received by **December 15, 2020**. Applications received after this deadline may be reviewed if as far as the position is still open. The position is contingent upon the applicant receiving a Tier 2 Canada Research Chair, and it is subject to the availability of funding and the final approval of the University Board of Governors and the CRC Secretariat. Any inquiries regarding this posting or the CRC Tier 2 justification process may be directed to cs_faculty_affairs@sfu.ca. More information about CRC positions can be found at:

https://www.chairs-chaires.gc.ca/home-accueil-eng.aspx

CRC Tier 2 positions are intended for emerging scholars who have completed their highest degree less than 10 years ago; applicants who are more than 10 years from their highest degree that have experienced career breaks, such as maternity or parental leave, extended sick leave, clinical training, and family care, may have their eligibility assessed through the program's Tier 2 justification process. SFU recognizes that alternative career paths and/or career interruptions (e.g., maternity leave, leave due to illness) can impact research achievements and commits to ensuring that leaves are taken into careful consideration. Candidates are encouraged to highlight how alternative paths and/or interruptions have impacted them in their application. SFU also recognizes the value of mentoring and research training, outreach, professional service, and nontraditional areas of research and/or research outputs; demonstrated experience in increasing diversity in the previous institutional environment, and in curriculum, is also an asset.

SFU is an institution whose strength is based on our shared commitments to diversity, equity, and inclusion. Diversity is an underlying principle of our Strategic Vision, which pledges SFU to "foster a culture of inclusion and mutual respect, celebrating the diversity reflected among its students, faculty, staff, and our community." SFU is committed to ensuring that no individual is denied access to employment opportunities for reasons unrelated to ability or qualifications. Consistent with this principle, SFU will advance the interests of underrepresented members of the work force, specifically Indigenous peoples, persons with disabilities, racialized persons, and women; embrace gender and sexual diversity; ensure that equal opportunity is afforded to all who seek employment at the University; and treat all employees equitably. Candidates that belong to underrepresented groups are particularly encouraged to apply.

SFU offers several benefits and services aimed at creating a more inclusive and accessible campus community for faculty, please see the Faculty Relations, Benefits and Service page for more details at:

https://www.sfu.ca/faculty-relations/benefits-services.html

SFU is also committed to ensuring that the application and interview process is accessible to all applicants; if you require accommodations or have questions about SFU benefits, services, accommodations policies, or equity considerations please contact the Specialist in Equity, Diversity, and Inclusion in Faculty Relations:

https://www.sfu.ca/faculty-relations/contact.html

Under the authority of the University Act, personal information that is required by the University for academic appointment competitions will be collected. For further details see the Collection Notice:

http://www.sfu.ca/vpacademic/Faculty_Openings/Collection_Notice.html

Simon Fraser University acknowledges the traditional territories, including Semiahmoo, Katzie, Kwikwetlem (kʷikʷəƛ̓əm), Kwantlen, Qayqayt and Tsawwassen First Nations.