



SHARCNET RESEARCH CHAIR (AD #27)

The Department of Mathematics and Computer Science at Laurentian University invites applications for a probationary tenure-track faculty position as a SHARCNET Chair in Mathematical and Computational Materials Science to commence on July 1, 2008, subject to final budgetary approval.

The Chair will facilitate the development of new computation-based materials science research projects in collaboration with other members in the Faculty of Science and Engineering, especially in areas of relevance to mining, mineral sciences and products derived from mineral processing. These may include (but are not limited to) the mathematical modeling of material structures, interfaces, interfacial processes, and the mechanical properties of materials.

The proposed Chair is expected to possess experience in mathematical modeling, in the development of visualization techniques, and have expertise in computational aspects of materials science and/or engineering. The Chair will be expected to participate in the development of the proposed MSc in Computational Sciences and PhD in Materials Science programs, thus strengthening the collaboration potential between the Department of Mathematics and Computer Science and other departments of the Faculty of Science and Engineering. The Chair will likely be cross-appointed with at least one other department in the Faculty (Chemistry and Biochemistry, Physics, Engineering and Earth Sciences), depending on the background and academic interests of the individual. The successful candidate will show leadership and innovation in research and teaching.

Applicants are expected to have a Ph.D. or equivalent, demonstrated excellence in research and excellent teaching skills. Postdoctoral experience is an asset. The successful applicant will be expected to initiate and lead an independent research program, and participate in interdisciplinary research with material science group. The successful candidate will demonstrate excellence or promise of excellence in teaching and graduate supervision, and will be expected to develop a vigorous, externally-funded research program. Information about the faculty of science and engineering and areas of research can be found at the website:
<http://scienceandengineering.laurentian.ca/>

The position of the SHARCNET Chair is funded for two years by SHARCNET, which has developed a network of high-performance computer clusters spanning 16 academic institutions in Ontario. Please see www.sharcnet.ca for more information.

In accordance with the University's policy on Bilingualism, Laurentian has a requirement of passive bilingualism (French/English) as a condition of tenure.

Laurentian University (LU) is located in Sudbury, an attractive modern city offering unique cultural, recreational, and educational opportunities. For further information see <http://www.sudburytourism.ca>

Candidates should forward a cover letter specifying the ad#, recent curriculum vitae, including a list of publications and a statement of research interests and teaching philosophy and also arrange for three letters of reference to be sent directly to the address below or emailed to asr@laurentian.ca. Review of completed applications will begin January 15, 2008. The position remains open until filled.

Harley d'Entremont
Laurentian University
Sudbury, Ontario
Canada P3E 2C6

Laurentian is committed to equity in employment and encourage applications from all qualified applicants, including women, aboriginal peoples, members of visible minorities and persons with disabilities. All qualified candidates are encouraged to apply, however Canadian citizens and permanent residents will be given priority.

LU faculty is part of the LUFA (Laurentian University Faculty Association), information and the Collective Agreement can be found at www.lufapul.ca