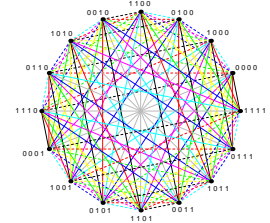**Jointly Organized by**
School of Computer Science and
Department of Mathematics and Statistics

March 18 (Monday), 16:30 – 17:30, Burnside Hall 1205

The Minimum Area Convex Lattice n-gon

by

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Abstract: Let $A(n)$ be the minumum area a convex lattice n-gon can have. It has been known that $A(n)$ is of order n^3. We prove that $\lim A(n)/n^3$ exists and its value is very close to 0.0185068. This is joint work with N. Tokushige.

Organizers: D. Avis(CS), D. Bryant(CS/Math), K. Fukuda(CS), B. Reed(CS) and V. Rosta(Math).
Information: http://www.cs.mcgill.ca/~fukuda/semi/discmath.html