



Department of
Mathematical Sciences

Colloquium

Dr. Piotr Przytycki

Professor of Mathematics

McGill University

Virtual,
September 16, 2022
at 2:00pm

EMS Building, E495



**Dr. Piotr
Przytycki**

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Coxeter Groups are Bioautomatic

Coxeter groups are groups generated by involutions s_i , with the relations of form $(s_i s_j)^m = \text{id}$. For each Coxeter group, we will be discussing a particular system of “voracious” paths between any two vertices of the Cayley graph. This system turns out to have the “fellow traveller” property and is generated by a finite state automaton. This is joint work with Damian Osajda.

Link to Online Event:

<https://wisconsin-edu.zoom.us/j/96609553505>

**The Colloquium will be streamed in E495.
Refreshments will follow.**



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