



Department of Mathematics and Statistics

Colloquium

Tuesday October 31

AMB 164 4:00 - 5:00 pm

## The Twin Prime Conjecture

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### Abstract

The sieve of Eratosthenes removes multiples of primes from the natural numbers as a means of finding primes. Instead of studying the found primes, we study the numbers that are not removed and have found interesting and useful patterns. We have found a way to count the twin primes in these patterns and to show that there is an infinite number of them.

Refreshments at 3:45