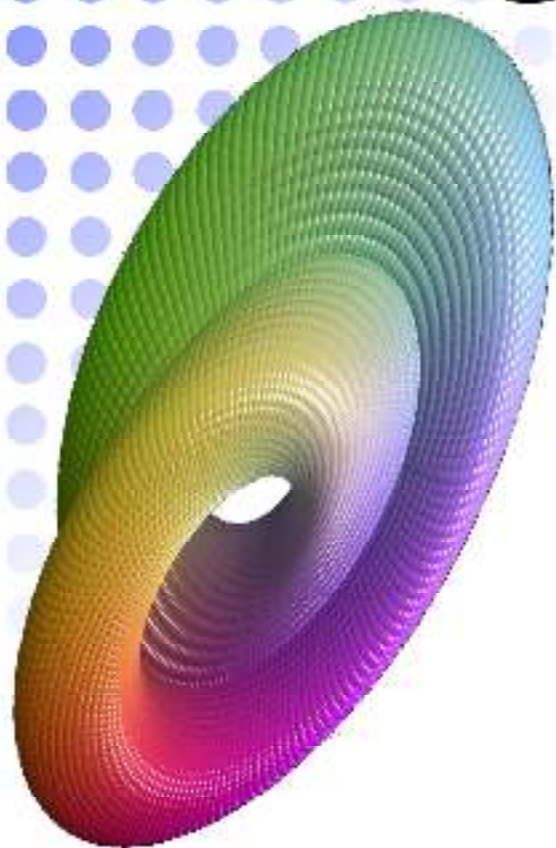# Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop

Prime Number Races

Daniel Fiorilli

Abstract for 4 Apr 2013

We will start with a historical introduction to the Riemann zeta function and its connection with prime numbers. This work began with Euler, followed later by Riemann. We will then talk about Chebyshev's assertion that there seem to be more primes of the form 4n+3 than of the form 4n+1. Are there? We will present some surprising facts about such prime number races.