

# Michigan Math Club

Thursday at 4pm in the Commons  
Free Pizza and Pop



## Life of PI:

Continued Fractions and Infinite Series

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Abstract for 30 October



Ever wonder how  $\pi$  is calculated to trillions of digits? Me neither. By writing out the digits of  $\pi$  in decimal notation (3.1415926535 8979323846 2643383279 5028841971 6939937510 5820974944 5923078164 0628620899 8628034825 3421170679 ...) one “sees” that  $\pi$  is truly irrational. In this talk we’ll explore a beautiful fact that makes  $\pi$  resemble something rational (not mathematically). In understanding the story of  $\pi$  we’ll see just how fun numbers can be and how brilliant men thought (and think) of numbers.