# Michigan Math Club 

Thursday at 4pm in EH 1360 Pizza + pop outside afterwards!!

## The Elusive Bell Curve


"Find the antiderivative $\int e^{-x^{2}} d x$. " This looks like many problems you've seen in calculus class, but it's impossible to solve! How do you show that a math problem is impossible? And why can we calculate the area under the bell curve $e^{-x^{2}}$ despite this impossibility? Come and find out! This talk is accessible to anyone who has taken calculus.

