

# *Talk Math 2 Me*

(A mathematics seminar for students and by students)

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Undergraduate Mathematics Major,

**Asten Fallavollita** will speak on:

## **The Mertens Conjecture: Examining Solved and Unsolved Mysteries of Natural Numbers**

Friday April 7, 2023  
DERR 240  
12:00pm-1:30pm

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### **Abstract**

The natural numbers (1, 2, 3, ...) have existed for about as long as human civilization has; and yet, there's still a lot that mathematicians don't know about them! In this talk, we'll explore the Mertens Conjecture, a peculiar mystery of the natural numbers that stumped mathematicians for over a century. We'll also discuss some interesting connections to other famous problems of natural numbers. This talk is meant to be enjoyable and accessible for students of all math ability levels, and assumes only a familiarity with functions and prime numbers.

For details about Talk Math 2 Me, email Ellen Couvillion ([ebr21@txstate.edu](mailto:ebr21@txstate.edu)) or visit:

