

University of Oklahoma Math Day!

November 7, 2024

OU Norman Campus

Featuring:

HOW MUCH MATHEMATICS IS THERE IN SPINNING WHEELS?

Speaker: Roland Roeder (Indiana University Indianapolis)

"In everyday life we see wheels turning on bikes, cars, and other basic machines. I will try to convince you that there is a lot of nice mathematics in such spinning wheels, which mathematicians would call circle rotations. The notions of rational and irrational number, and an even more exciting notion of "very irrational number", play an interesting role. We will also re-discover the Famous Three Gaps Theorem from the 1950s and some related statements recently discovered by high school students in the 2020s."



Also featuring:

The Sooner Math Bowl!
Competitions!

Prizes!
Lunch!

A day of math activities for
high school students from the
Oklahoma and Texas areas.

For more information and
online registration, please
visit: mathday.math.ou.edu