## SOME NEW WAYS TO FIND AND VISUALIZE KNOT ISOTOPES

## **ABSTRACT**

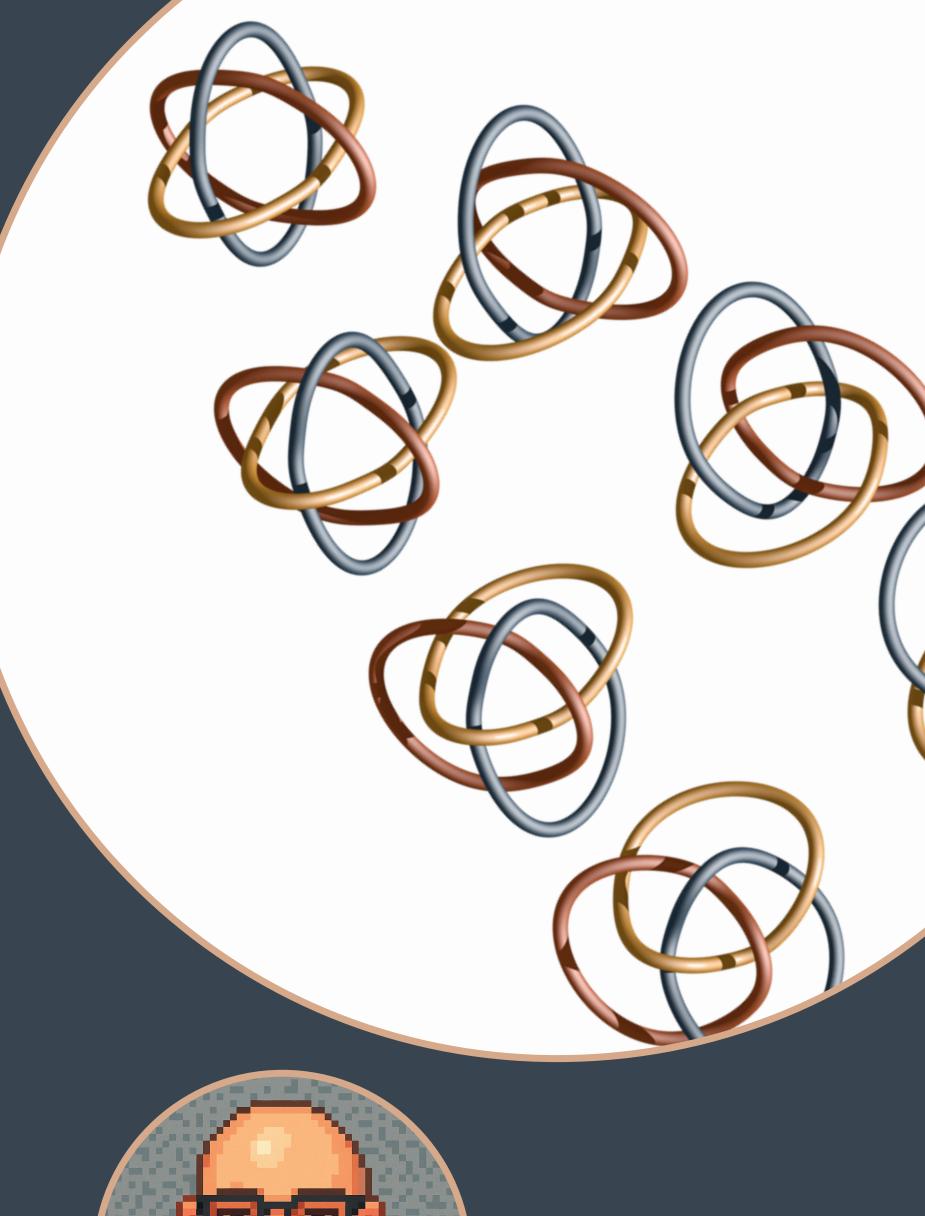
Untangling unknots has been a fun pastime since at least the Victorian era. (And there are some great phone games as well, now!) But now AI can play, and it turns out to be surprisingly bad at the game. In this talk, we talk about some ways to look at knot and unknot puzzles mathematically and computationally and talk about why you might seriously want to solve a lot of them in a short period of time. The key turns out to be new and interesting ways to find and visualize moves that you can make on the diagrams.



FRIDAY, APRIL 11



US PACIFIC......9AM
US EASTERN.....12PM
CENTRAL EUROPE....6PM





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Featuring "Show and Ask" Presenters

**Connor Lehmacher** 

SUNY Stony Brook

Ilya Sheprut

Youtuber

The talk will be on Zoom. Scan this QR code to join!



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