

# The SUMO Speaker Series for Undergraduates

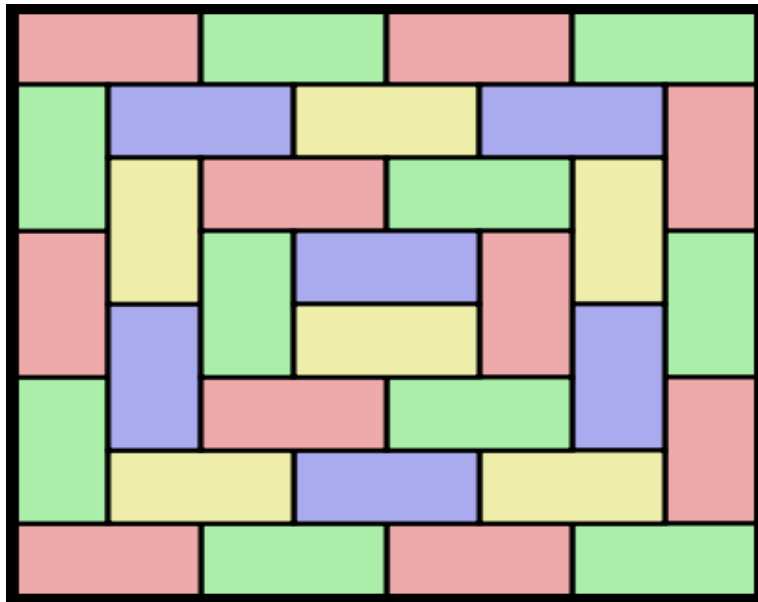
*(Pizza Provided)*

Wednesday, April 13<sup>th</sup>

**4:15-5:05, room 380C**

## Tiling Problems

Daniel Litt



### ABSTRACT:

In how many ways can one cover a fixed shape by dominos? Can a shape be covered at all--and what are the obstructions to doing so? Work of Conway and others, using techniques from combinatorics, algebra, and geometry, can be applied to answer these questions; we will discuss some examples and applications of these techniques.

[sumo.stanford.edu/speakers](http://sumo.stanford.edu/speakers)