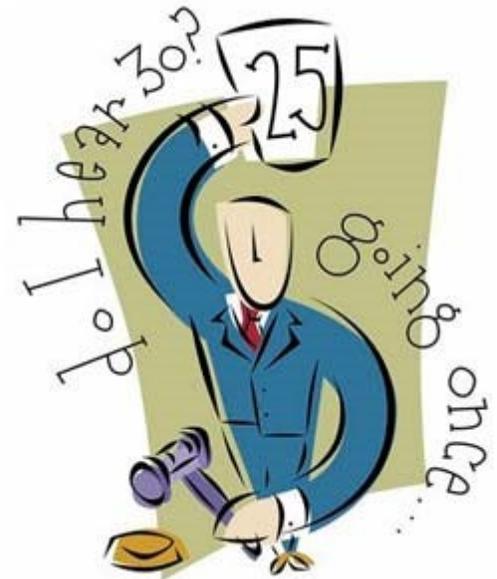


# The SUMO Speaker Series for Undergraduates

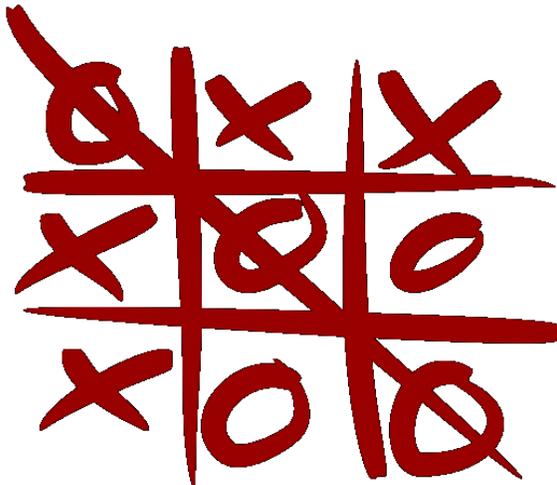
Wednesday, November 19<sup>th</sup>  
4:30-5:30, room 380C (in  
the basement)

## Bidding games

Dr. Sam Payne



### ABSTRACT:



What if you play your favorite two-player game, such as Hex or Chess, but instead of alternating moves you bid each time for the right to move? The basic mathematical theory of such games is simple and elegant, with a surprising relation to random-turn games, in which the right to move is determined by a coin flip. For recreational play, the bidding is fun, but powerfully disorienting -- even Tic-Tac-Toe is not so simple!

Food from Pizza Chicago

Contact Nathan Pflueger ([pflueger@stanford.edu](mailto:pflueger@stanford.edu)) for more information.