

# The SUMO Speaker Series for Undergraduates

Thursday, September 25<sup>th</sup>  
4:15-5:05, room 380C  
(Food Provided)



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## The 100 Prisoners' Dilemma

Professor Jenny Wilson

### Abstract:

One hundred prisoners must all find their names among one hundred boxes or face certain death. The odds look dire—but we'll use some probability theory and combinatorics to find a strategy that dramatically improves their chances. This talk should be accessible to first year undergraduate students.

Curious? The full statement of the problem is here: <http://tinyurl.com/100Prisoners>

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