

*Department of Mathematics,  
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## Zoom for Thought

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## The Count of Monte Carlo

**Abstract:**

Many of the questions asked during the birth of probability (e.g. what's the probability of getting a certain hand in poker?) are equivalent to basic counting problems, and since then there have been numerous applications of combinatorics to probability (e.g. moment method proofs for the semi-circle law). In this talk, probability strikes back with a vengeance by solving some (non-trivial) counting problems.

**Tuesday, September 28, 2021**

**2:00 PM**

**Please see email with subject "Graduate  
Student Seminar Information."**

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