

# SUMO Symposium

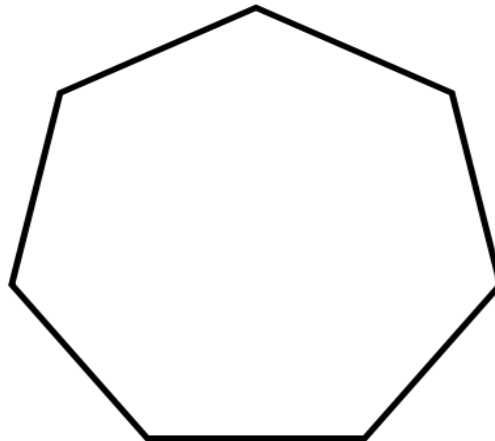
Wednesday, April 16

4:15-5:00 PM

380-380C

## Parametrizing Irreducible Representations of $S_n$

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ABSTRACT:

One obstacle in the representation theory of finite groups is the lack of a canonical bijection between the set of conjugacy classes and the set of irreducible representations. But in the case of the symmetric group, we *do* have a such a correspondence! I will talk about the role of combinatorics in this context and in particular will discuss the Robinson-Schensted-Knuth (RSK) algorithm.

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