

## Fall FRG Workshop

### *Combinatorial Perspectives in Stringy Geometry*

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**Abstract:** I will give a tour of some places in modern mathematical physics where classical combinatorial objects of discrete math arise. More specifically, I will explore how counting points (of various moduli spaces) and surfaces (holomorphic curves) in symplectic topology can be related to the enumeration of graph colorings (chromatic polynomial), triangulations (Catalan numbers) and quiver structures (clusters).

Sunday, September 7 at 10:45 AM in ARC 241