

Representation Theory, Geometry & Combinatorics Seminar

Organizers: M. Haiman and N. Reshetikhin

Wednesday, 4:00–6:00pm, 939 Evans

Dec. 2 **Christopher Douglas**, Miller Institute
Fusion rings

I will explain how to compute the fusion rings of the representations of loop groups. Among others, we will encounter the figure on the right, which is a constrained walk through the Weyl group of E_8 . I will describe what exactly this picture means, and how it enters the computation of the fusion ring for $\mathcal{L}E_8$.

