

Representation Theory, Geometry & Combinatorics Seminar

Organizer: M. Haiman and N. Reshetikhin

Wednesday, 4:00–6:00pm, 939 Evans

Apr. 21 **Shenghao Sun**, UCB

Decomposition theorem for stacks

We will review the decomposition theorem of perverse sheaves on schemes, both the one over finite fields and the one over the complex numbers. Then we discuss the techniques used in the proof of the decomposition theorem for stacks, over finite fields or over the complex numbers, after showing a counter-example of Drinfeld.