

Representation Theory, Geometry & Combinatorics Seminar

Organizer: Mark Haiman & Kolya Reshetikhin

Monday, 4:00–6:00pm, 939 Evans

Feb. 11 **Michael Rose**, UBC/UCB

Mirror symmetry and l -adic Chen-Ruan cohomology

The Weil conjectures provide a technique to translate certain classical mirror theorems into the context of arithmetic algebraic geometry. I will demonstrate this strategy and give a survey of results in this direction.