

Representation Theory, Geometry & Combinatorics Seminar

Organizer: M. Haiman and N. Reshetikhin

Wednesday, 4:00–6:00pm, 939 Evans

April 7 **Maxim Zabzine**, Uppsala

Odd Chern-Simons theory, characteristic classes and knots

I will review the general construction of three dimensional TFT within BV framework. I will explain how the corresponding Feynman rules lead to the interesting characteristic classes. Finally I will make some comments on the knots invariant within this framework.