

# Representation Theory, Geometry & Combinatorics Seminar

Organizer: Mark Haiman & Kolya Reshetikhin

Wednesday, 4:00–6:00pm, 939 Evans

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Nov. 14    **Marco Aldi**, UCB

*Sklyanin Algebras and Lagrangian Intersection Theory*

Sklyanin algebras can be thought as noncommutative deformations of the ring of polynomials and arise naturally in many areas of mathematics and physics. The goal of this talk is to explain how mirror symmetry relates Sklyanin algebras to the geometry of lagrangian submanifolds of symplectic tori.