

TOPOLOGY SEMINAR

Joan Licata (Stanford)

Knot theory and contact lens spaces

Tuesday, September 29th. 4:00 in 383-N

*Abstract:* In this talk I'll introduce an invariant for Legendrian knots in lens spaces equipped with the universal tight contact structure. This invariant takes the form of a differential graded algebra and is closely related to Sabloff's invariant for Legendrian knots in the standard tight three-sphere. As partial motivation, I'll explain the relationship between the knot theory of contact lens spaces and the Berge Conjecture.