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**Speaker:** Dev Sinha  
University of Oregon

Tuesday, February 23, 2016

3:00 PM

258 Hurley Hall

**Title:** Goodwillie-Weiss calculus and knot theory

**Abstract:**

We present a model for the Goodwillie-Weiss tower for classical knots which is motivated by a homotopy theoretic view of linking number. To do so will require development of compactifications of configuration spaces. Then we will discuss the connections - both realized and conjectured - between this tower and the theory of Vassiliev finite-type invariants.