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**Speaker:** Yashar Memarian  
University of Notre Dame

Tuesday, September 29, 2015  
11:00 AM  
258 Hurley Hall

**Title:** A Brunn-Minkowski type Inequality on the Sphere

**Abstract:**

In this joint work with M.Fradelizi and O.Guédon, we prove a covariogram inequality on the canonical sphere. I start by reviewing some well known facts about the Euclidean Brunn-Minkowski theory and then we move on to the sphere.