

Yaron Ostrover (MIT). *Symplectic measurements and convexity.*

Abstract. In the first part of the talk we discuss a conjecture of Viterbo relating symplectic and Euclidean measurements of convex domains. In the second part we discuss the classical Brunn-Minkowski inequality and some of its applications in the context of convex Hamiltonian dynamics. This is a joint work with Shiri Artstein-Avidan and Vitali Milman from Tel-Aviv University.