1041-52-266   **Artem Zvavitch*** (`zvavitch@math.kent.edu`), The Department of Mathematical Sciences, Kent State University, Kent, OH 44242. *"Gaussian measure of sections of dilates and shifts of convex bodies"*.

In this talk we discuss a solution for the Gaussian version of the Busemann-Petty problem with additional information about dilates and shifts. We also provide some remark on the size of the Gaussian measure of the dilations of the unit cube. (Received August 12, 2008)