1104-52-338 **Karoly Bezdek** and **Alexander E. Litvak*** (aelitvak@gmail.com), Dept. of Math. and Stat. Sciences, University of Alberta, Edmonton, Alberta T6G2G1, Canada. *Covering and packing convex bodies by cylinders.* Preliminary report.

In connection with a Bang's problem, we provide a lower bound for the sum of the base volumes of cylinders covering a d-dimensional convex body in terms of the relevant basic measures of the given convex body. We discuss related estimates for packing. (Received September 03, 2014)