1061-14-65 **A. Libgober*** (libgober@math.uic.edu), Department of mathematics, UIC, 851 S.Morgan Str., Chicago, IL 60607. *Sequences of polytopes of log-canonical thresholds.*

Given a collection of r ideals on a germ of a smooth variety one can associate to it a rational polytope in $\mathbf{R}^r$ (called LCT-polytope) which for $r = 1$ is the log-canonical threshold of the ideal and for a collection of principal ideals is a special case of polytopes of quasi-adjunction. I will discuss a generalization of the ascending chain condition for log-canonical thresholds for such LCT-polytopes. This is a report on joint work with M.Mustata (arxive: 1002.4163). (Received April 02, 2010)