1104-13-259 **Jan Hofmann*** (jhofmann@math.uni-frankfurt.de) and **Christian Haase**. *Convex-normal (pairs of) polytopes.*

A lattice polytope P is k-convex-normal, if every rational multiple rP for $r \in [2, k]$ can be covered by certain copies of P. This notion was introduced by Gubeladze, who used it to prove that lattice polytopes with long edges are integrally closed. In previous work we showed that there is no difference between being 3- and k-convex normal for $k \geq 3$ and improved the bound. In this talk we will introduce convex-normal pairs of polytopes, show how the previous results translate and talk about computational aspects. (Received September 02, 2014)