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Gábor Fejes Tóth, Ferenc Fodor* (fodorf@math.u-szeged.hu) and **Viktor Vígh**. *The packing density of the n -dimensional cross-polytope*. Preliminary report.

In this talk, we establish upper bounds for the packing density of the n -dimensional regular cross-polytope in the case that $n \geq 7$. We use a modified version of Blichfeldt's method that is due to G. Fejes Tóth and W. Kuperberg. (Received September 16, 2014)