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*On Hadwiger's covering conjecture*

A central problem in Discrete Geometry, Hadwiger's covering conjecture, asks to find the smallest integer  $N(n)$  with the property that every convex body in  $\mathbb{R}^n$  can be covered by at most  $N(n)$  translates of its interior.

We will discuss connections with Asymptotic Convex Geometry and measure concentration, as well as with entropic methods, that allow for at least a subexponential improvement to the long-standing general upper bounds of Rogers for  $N(n)$ .

This is joint work with Han Huang, Boaz Slomka and Tomasz Tkocz.