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*Generalized flatness constants, spanning lattice polytopes, and the Gromov width*

In this talk, I will present joint work in progress with Averkov, Balletti and Nill where we motivate some new directions of research regarding the lattice width of convex bodies. We show that convex bodies of sufficiently large width contain a unimodular copy of a standard simplex and discuss relations to recent results on spanning lattice polytopes. Our result can be viewed as the starting point for studying generalized flatness constants. Regarding symplectic geometry we point out how the lattice width of a Delzant polytope is related to upper and lower bounds on the Gromov width of its associated symplectic toric manifold.