

# The Gromov width of toric manifolds associated with graphs

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The Gromov width of a symplectic manifold is the maximal size of a ball that can be symplectically embedded into it. There is a class of Delzant polytopes, called graph associahedra, constructed from simple graphs. I will talk about the formula for the Gromov width of the corresponding toric manifolds in terms of the invariant of the graphs. The talk is based on the joint work with Suyoung Choi.