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**Daniel A Cristofaro-Gardiner\*** ([gardiner@math.harvard.edu](mailto:gardiner@math.harvard.edu)). *Symplectic embeddings of four-dimensional toric domains.*

While much is known about when one four-dimensional symplectic ellipsoid embeds into another, symplectic embeddings of other domains are in general poorly understood. I will survey some recent progress concerning symplectic embeddings of four-dimensional “toric domains”. It turns out that in many cases, Hutchings’ “embedded contact homology” capacities give sharp obstructions. Some of this is joint work with K. Choi, D. Frenkel, M. Hutchings, and V. Ramos. (Received January 19, 2015)