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Coordinate rings of compactified arrangements

The intersection of a linear space with a complex torus $(\mathbb{C}^*)^n$ is the complement of a complex hyperplane arrangement. Closures of these in toric varieties give a range of interesting compactifications, including $\overline{M}_{0,n}$.

I will report on work in progress with Greg Smith (Queen's) and Uli Walther (Purdue) that examines the coordinate rings of such compactifications in their most natural projective embeddings.