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Equations and degenerations of $\overline{M}_{0,n}$

The moduli space $\overline{M}_{0,n}$ has as points all stable genus zero points with n marked points. I will introduce this object, and describe joint work with Angela Gibney (Penn) that gives explict equations for $\overline{M}_{0,n}$ in the Cox ring of a related toric variety. An application of this is an explicit construction of a degeneration of $\overline{M}_{0,n}$ to a toric variety.