Universal torsors over degenerating del Pezzo surfaces
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Let $S$ be a split family of del Pezzo surfaces over a discrete valuation ring such that the general fiber is smooth and the special fiber has ADE-singularities. Let $G$ be the reductive group given by the root system of these singularities. We construct a $G$-torsor over $S$ whose restriction to the generic fiber is the extension of structure group of the universal torsor under the Neron-Severi torus. This extends a construction of Friedman and Morgan for individual singular del Pezzo surfaces.

This is joint work with Norbert Hoffmann.