

---

**ALEX DUNCAN**, University of South Carolina

*Automorphism groups of cubic surfaces in arbitrary characteristic*

I discuss the possible automorphism groups of a smooth cubic surface over an algebraically closed field of arbitrary characteristic. While the classifications are wildly different in bad characteristics, it turns out that the differences can all be explained by a few small geometric observations. We will also completely characterize which surfaces and automorphism groups in positive characteristic can be lifted to characteristic 0.