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*Web varieties and smooth components of Springer fibres*

A Springer fibre is the set of flags compatible with a given nilpotent matrix. Springer fibres have irreducible components parametrized by standard Young Tableaux. Most components of Springer fibres are singular, but some are smooth. I will explain a construction for producing smooth components starting with combinatorial objects called webs. In examples, all of the smooth components arise from this construction. This is joint work with Pierre Baumann, Oliver Pechenik, and Stephan Pfannerer.