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*On Jordan schemes*

In 2003 Peter Cameron introduced the concept of a *Jordan scheme* and asked whether there exist Jordan schemes which are not symmetrisations of coherent configurations (*proper* Jordan schemes). In my talk I'll present several constructions of infinite series of proper Jordan schemes and present first developments in the theory of Jordan schemes - a new class of algebraic-combinatorial objects. This is a joint work with M. Klin and S. Reichard.