Conference by Prof. Lisa Orloff Clark
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Title: Groupoids and Steinberg Algebras

Abstract: A groupoid is a generalisation of group in which composition is only partially defined. In first half of this talk, I will give an overview of groupoid theory and show how groupoids provide a unifying model for a number of seemingly unrelated mathematical structures.

In the second half of the talk, I will give an overview of the theory of Steinberg algebras. A Steinberg algebra is constructed from an `ample' topological groupoid. Once again, these algebras can be used to model a number of seemingly unrelated algebraic constructions.