

Representing topological full groups in Steinberg algebras and C^* -algebras

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Given an ample Hausdorff groupoid, there is a natural representation of its topological full group into its complex Steinberg algebra. In this talk, we will characterize when this representation is injective/surjective. Restricting to discrete groupoids, we will see some unexpected properties about its extension into the groupoid C^* -algebra.

This is joint work with Becky Armstrong, Lisa Clark, Mahya Ghandehari, and Eun Ji Kang,