

FREE SEMIADDITIVE CATEGORIES

Speaker: Adela Zhang
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Time：Mon, Jan. 11, 10:00-11:00

Venue: Room 102, SCMS

Abstract: It is well-known that the (infinity,1)-category of free commutative monoids in spaces are equivalent to 1-spans in Spaces with backwards map given by finite covers. We prove a categorification of this equivalence, modeling free semiadditive categories with a certain lax notion of span 2-category. This is joint work in progress with Jan Steinebrunner.