

Noncommutative tensor triangular geometry

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In the first half of the talk we will describe a Chinese Remainder Theorem for Monoidal Triangulated Categories and use it to derive a general version of Carlson's theorem on the connectedness of supports for indecomposable objects. In the second part of the talk we will develop a noncommutative extension of Balmer's notion of homological spectrum for all Monoidal Triangulated Categories. This is a joint work with Daniel Nakano (Univ Georgia) and Kent Vashaw (UCLA).

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