

Homotopy algebras seminar

An algebraic approach to configuration spaces

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Abstract: The homology of configuration spaces of manifolds is particularly approachable rationally, and the history of its study is rich in both computational and descriptive results. I will outline how these results can be recovered and extended within a unified framework, the main theme of which is the interlocking algebraic structures arising from the geometry of configuration spaces. A key role will be played by the globalizing techniques of factorization homology.

Friday, February 13 at 1:00 PM in SEO 1227