Mathematics, Statistics, and Computer Science   **@ UIC**

Algebraic K-Theory Seminar

The homotopy limit problem: a few motivic examples

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Abstract: Thomason's homotopy limit problem is to measure the difference between fixed points and homotopy fixed points. Although simply stated, it encompasses a range of prominent examples: the Atiyah-Segal completion theorem, Segal's conjecture, Lichtenbaum-Quillen conjectures. I'll discuss a few examples, recast in the stable motivic homotopy category, highlighting the use of equivariant motivic homotopy theory.

Wednesday, October 25 at 10:30 AM in SEO 1227