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*On simple inductive limits of splitting interval algebras with dimension drops*

In this talk, we are going to investigate simple inductive limits built on splitting interval algebras with dimension drops, which are typical subhomogeneous building blocks on the unit interval. Actually, a classification will be given in both unital and certain nonunital cases. In the nonunital cases, such inductive limits give us simple stably projectionless  $C^*$ -algebras with nontrivial  $K$ -theory.