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Efren Ruiz* (ruize@hawaii.edu), Department of Mathematics, University of Hawaii at Hilo, 200 W. Kawili St., Hilo, HI 96720. *Automorphisms of Cuntz-Krieger algebras*.

In this talk we introduce a functor on the category of extensions of separable C^* -algebras which can be thought as "ideal related K-theory with coefficients". We show that this invariant can be used to classify automorphisms of Cuntz-Krieger algebras with exactly one non-trivial ideal and whose adjacency matrices satisfy condition (II) of Cuntz. We get this classification result by proving a Universal Multi-Coefficient Theorem in the same spirit as the UMCT of Dadarlat and Loring.

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