

## **Rokhlin flows on $C^*$ -algebras of real rank zero**

Carlos Campoy Garcia Trevijano

We show that Rokhlin flows on  $C^*$ -algebras of real rank zero can be classified by their rotation map.

## **On symmetries of the Jiang-Su algebra**

Max Clarke

In 1990, Blackadar constructed an order-2 automorphism (symmetry) of the CAR algebra whose crossed product had non-trivial  $K_1$ , and more generally, derived many  $K$ -theoretically non-trivial  $C_2$ -actions on UHF algebras. Motivated by this work, my research investigates symmetries of the Jiang–Su algebra. In this lightning talk, I will briefly describe Blackadar’s result and propose an approach to constructing symmetries of the Jiang–Su algebra."

## **A representation theory approach to operator space theory**

Randy Pham

We give a more general construction using induced representation in the sense of Frobenius and we get back the usual operator space theory as a special case. This construction gives rise to new morphism that are different the ucp and cb maps. This is joint work with D. Blecher, M. Kalantar, and C. McClure.