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**S Kaliszewski\*** (kaliszewski@asu.edu), PO Box 871804, Tempe, AZ 85287-1804, and **Magnus B Landstad** and **John Quigg**. *A survey of exotic crossed products*.

When a locally compact group  $G$  acts on a  $C^*$ -algebra, we have both full and reduced crossed products, each carries a dual coaction of  $G$ , and each has its own version of crossed-product duality. Inspired by work of Brown and Guentner on new  $C^*$ -completions of group algebras, we have begun to understand what we call “exotic” crossed products —  $C^*$ -algebras that lie between the familiar full and reduced crossed products — and more generally, “exotic coactions.” Some of these satisfy a corresponding exotic crossed product duality, intermediate between full and reduced duality; they are also related to the crossed-product functors used recently by Baum, Guentner, and Willett in a new approach to the Baum-Connes conjecture. (Received February 08, 2016)