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**Firuz Kamalov\*** (firuz@tud.ac.ae). *Property T and amenable transformation group  $C^*$ -algebras.*

It is well known that a discrete group which is both amenable and has Kazhdan's Property T must be finite. In this talk we generalize the above statement to the case of transformation groups. We show that if  $G$  is a discrete amenable group acting on a compact Hausdorff space  $X$ , then the transformation group  $C^*$ -algebra  $C^*(X, G)$  has Property T if and only if both  $X$  and  $G$  are finite. Our approach does not rely on the use of tracial states on  $C^*(X, G)$ . (Received September 04, 2014)