DAVID KERR, University of Rome "La Sapienza," 00185 Rome, Italy
C^*-*dynamics and entropy*

A basic problem in dynamics is to determine whether or not a given system has positive entropy, *i.e.*, whether or not it is "chaotic." While there is a vast collection of results addressing this issue in topological dynamics, the phenomenon of positive entropy remains by and large a mystery within the broader noncommutative domain of C^*-algebraic dynamics. To shed some light on the noncommutative situation we propose a geometric perspective inspired by work of Glasner and Weiss on topological entropy.