

SCMS Seminar



CROSSED PRODUCTS FROM MINIMAL DYNAMICAL SYSTEMS

Speaker: Professor Huaxin Lin
University of Oregon

Time: 16:00 p.m.-17:00 p.m., Friday, June 24, 2016

Venue: Room 2201, East Guanghua Tower (Main), Fudan University

Abstract: Let X be a compact metric space and $\alpha: X \rightarrow X$ be a minimal homeomorphism. We study the minimal dynamical systems (X, α) via C^* -algebra theory. Let β be another minimal homeomorphism on X . We consider the problem when two crossed products are isomorphic as C^* -algebras. By introducing the notion of "approximate conjugacy", related to the Giordano-Putnam-Skau theory, we also study the problem when two such minimal systems are approximate conjugate.