

Date: November 3, 2020

Speaker: Jindrich Zapletal

Title: Borel reducibility between orbit equivalence relations

Abstract: I will discuss the Borel reducibility theory between Borel or analytic equivalence relations on Polish spaces, with particular emphasis on orbit equivalence relations induced by actions of Polish groups. In particular, I will develop the notion of turbulence which prevents an existence of a Borel reduction to an orbit equivalence relation of a non-Archimedean group. The talk is intended as preparation for Nov. 10 lecture by Aristotelis Panagiotopoulos.