Analysis Seminar

FRIDAY, February 09, 2018

13:00-14:00 − Room 646 PGH

Speaker: Alan Czuroń (University of Houston)

Title: On generalizations of Kazhdan's Property (T) for ℓ_p spaces

Abstract: Bader, Furman, Gelander and Monod defined Property F_X as a generalisation of Kazhdan's Property (T) onto arbitrary Banach spaces X. During the talk we consider the case of little ℓ_p spaces. It is known that groups with Property F_{ℓ_p} share some properties with Kazhdan's groups, e.g. compact generation and compact abelianisation. During my talk I will prove that Property F_{ℓ_p} implies Property F_{ℓ_q}, provided that $q < p$ and q is not equal to 2.