

TEMPLE UNIVERSITY

Department of Mathematics

Analysis Seminar

Monday, January 23, 2016 at 14:40, Wachman 617
Quantitative homogenization and regularity theory

Scott Armstrong
NYU

Abstract: I will describe recent developments in the quantitative homogenization of linear elliptic equations in divergence form, emphasizing some ideas arising from the calculus of variations and the role played by a new elliptic regularity theory for equations with random coefficients.