

Department of Mathematics, BGU

Logic, Set Theory and Topology

On Tuesday, January, 19 2016

At 12:15 – 13:40

In Math 101-

Kyle Austin (Ben-Gurion University of the Negev)

will talk about

Introduction to the Geometry of Scales

Abstract: Coarse geometry has been a very effective tool in proving very powerful conjectures like the Baum-Connes conjecture (which includes the Novikov and Borel conjectures) and Gromov's positive scalar curvature conjecture. The aim of my talk is to give motivation for the study of coarse geometry/uniform space theory and to discuss big ideas in the application of these two dual geometries.