Department of Mathematics, BGU

Logic, Set Theory and Topology

On *Tuesday, March ,28 2017*

At *12:15 – 13:30*

In *Math 101-*

Thilo Weinert (BGU)

will talk about

Cardinal Characteristics & Partition Properties

Abstract: For quite some time, partition relations were considered assuming the generalized continuum hypothesis. After forcing entered the stage, independence results were pursued as well. Even later, connections between them, cardinal characteristics and other combinatorial principles where started to be considered by Joji Takahashi, Stevo Todorcevic and Jean Larson. I will give an account of the history of these endeavours and recent advances made in collaboration with William Chen and Chris Lambie-Hanson. Towards the end I am going to give an outlook towards possibilities of future research.