Department of Mathematics, BGU

Colloquium

On *Tuesday, March ,15 2016*

At *14:30 − 15:30*

In *Math 101-*

Jarek Kedra (U. of Aberdeen)

will talk about

On conjugation invariant geometry of groups

Abstract: I will discuss basic properties of conjugation invariant norms on groups. I will explain why some groups are bounded (a group G is bounded fi every conjugation invariant norm on G has finite diameter). The examples will include dffieomorphism groups of manfiolds and some lattices in semisimple Lie groups. I will discuss the stronger notion of unfiorm boundedness. I will also provide examples of unbounded groups, some open problems and an application to group actions on manfiolds.