

Department of Mathematics, BGU

Colloquium

On Tuesday, October ,23 2018

At 14:30 – 15:30

In Math 101-

Meny Shlossberg (University of Udine)

will talk about

Algebraic entropy on strongly compactly covered groups

Abstract: We introduce a new class of locally compact groups, namely the strongly compactly covered groups, which are the Hausdorff topological groups G such that every element of G is contained in a compact open normal subgroup of G . For continuous endomorphisms $\phi:G\rightarrow G$ of these groups we compute the algebraic entropy and study its properties. Also an Addition Theorem is available under suitable conditions.

This is joint work with Anna Giordano Bruno and Daniele Toller.