

Department of Mathematics, BGU

AGNT

On Wednesday, November ,14 2018

At 15:10 – 16:25

In 101-

Stephen Moore (BGU)

will talk about

The Representation Theory of the finite and infinite Temperley-Lieb algebras

Abstract: The Temperley-Lieb algebras are a family of finite dimensional algebras that are quotients of the symmetric groups algebras, or more generally the Iwahori-Hecke algebras. They appear in a number of areas of mathematics, including statistical mechanics, knot theory, quantum groups, and subfactors. We review their representation theory and give some results on an infinite dimensional generalization.