

Department of Mathematics, BGU

AGNT

On Wednesday, November ,7 2018

At 15:10 – 16:25

In 101-

Kieran Ryan (Queen Mary University of London)

will talk about

Some Schur-Weyl Dualities

Abstract: Schur-Weyl Duality is a remarkable theorem giving an intimate link between the representation theories of the Symmetric group S_n , and the General Linear group $GL(k)$. Such a link also holds between other objects, in particular the Brauer Algebra and the Orthogonal group, and the Walled Brauer algebra and $GL(k)$. I will give an introduction to these relationships.