Ennola duality for decomposition of tensor products

Emmanuel Etienne Pierre LETELLIER (Université Denis-Diderot, France)

Abstract: Ennola duality says that one can recover the character table of the finite unitary group from that of the finite general linear group by replacing q by -q where q is the size of the finite field. In this talk we will explain how to understand Ennola duality using the geometry of certain quiver varieties. This is work in progress with F. Rodriguez-Villegas.