

- Tom Lenagan (Edinburgh) - Automorphisms of the quantum grassmannian

Abstract: The automorphism group of the generic quantum grassmannian is calculated. The main tool is the notion of noncommutative dehomogenisation. This reduces the problem to that of finding the automorphism group of quantum matrices and this problem has already been solved. The talk will concentrate on small examples to exemplify the main ideas and will avoid technical proofs. (Joint work with Stéphane Launois.)