Algebra
Seminar

Survey on recent results on maximal tori of algebraic groups

Philippe Gille

CNRS, Lyon

Abstract: Prasad and Rapinchuk investigated the isopectrality problem for certain Riemannian varieties by analysing in what extent a semisimple algebraic group defined over a number field is determined by its maximal tori. We shall report advances on this topic by Chernousov/Rapinchuk/Rapinchuk, Bayer-Fluckiger/Lee/Parimala and others by discussing the case of non-archimedean fields and local-global principles.

Tuesday, October 24, 2017, 5:00 pm
Mathematics and Science Center: W306

Mathematics and Computer Science
Emory University