

Università di Torino
Dipartimento di Matematica
via Carlo Alberto 10, Torino

Lunedì 26 maggio ore 11:15 aula C

Eric Jaligot
University of Lyon

The classification of simple groups of finite Morley rank: a general survey

In the recent years, many arguments of the classification of the finite simple groups have been transferred to a similar classification for infinite simple groups of finite Morley rank. This is motivated by the longstanding "Cherlin-Zilber Conjecture", which postulates that such groups are algebraic over algebraically closed fields, even though new groups are now not unexpected. I will give an overview of what works, what does not work, specific arguments using genericity for infinite groups, etc...