

MATH COLLOQUIUM

Simple groups of finite Morley rank

Jeffrey Burdges
Bilgi Üniversitesi

Date : Wednesday, November 11, 2009

Time : 14:00

Place : TB 250, Boğaziçi Üniversitesi

Abstract: The infinite simple groups of finite Morley rank, equivalently the \aleph_1 -categorical simple groups, are conjecturally the Chevalley groups over algebraically closed fields. We will discuss the rich classification project that has grown up around this conjecture. The methods employed in our project often parallel the local analysis used in the classification of the finite simple groups (CFSG), and occasionally shed some light upon subtle points in the CFSG.

Tea and coffee will be served at 15:00