

Speaker : Diego Izquierdo

Title : On Serre's Conjecture II

Schedule : Tuesday 21 April, 11am to 1pm and Wednesday 22 April, 11am to 1pm

Summary :

Serre's Conjecture II predicts that, over cohomological dimension 2 fields, principal homogeneous spaces under semisimple simply connected groups have rational points. In this series of lectures, I will present this conjecture and explain the main known results related to it. At the end of the lectures, I will take time to explain in detail a recent result obtained together with Lucchini Arteche and that shows that it is enough to prove the conjecture for characteristic 0 fields.