Speaker: Florian Pop

Title: A topological/combinatorial description of Galois groups

Abstract: One of the themes of Grothendieck's "Esquisse d'un programme" is to give a combinatorial/topological description of (absolute) Galois groups via their action of geometric fundamental groups. The plan of the talk(s) is to explain in detail the problem and the older and new results. In particular variants of the so called Ihara's question/Oda-Matsumoto (I/OM) conjecture will be presented as well as the state of the art of I/OM.