



Speaker: Mustafa Korkmaz, Middle East Technical University.

Title: Generating surface mapping class groups by involutions and commutators.

Abstract: The mapping class group of a compact orientable surface is defined as the group of isotopy classes of orientation preserving diffeomorphisms of the surface and it plays a central role in low dimensional topology. I am planning to give some of its algebraic properties, concentrating on various generating sets. I will show that it can be generated by three involutions and two commutators. Part of this research is joint with İnanç Baykur.