ODTU-Bilkent Algebraic Geometry

"Parity arguments on K3 covers of Enrique surfaces with Picard rank 19"

BY

Oğuzhan Yörük
(Bilkent)

Abstract: Last two talks of the seminar were mostly on the theoretical parts of the subject. This time, we introduce some computational arguments by using equivalence of parities of the transcendental lattice of K3 surfaces, right after a brief reminding of what was talked on previous two talks to warm up. Then, we will apply this idea to reduce the number of cases and time spent on showing which K3 surfaces of Picard number 18 &19 cover an Enriques surface.

Date: 26 October 2018, Friday
Time: 15:40 +
Place: Mathematics Seminar Room SA-141

Tea and cookie will be served before the talk. You are most cordially invited.