ARITHMETIC ALGEBRAIC GEOMETRY - ONLINE SEMINAR

Thursday, July 15, 2021 06:00 PM Warsaw

Speaker: Francesc Fite, MIT,
Sato-Tate groups: invariants and equidistribution

Abstract: In this talk I will introduce several invariants associated with Sato-Tate groups and explain the methods used for their calculation in the genus 3 classification obtained with Kiran Kedlaya and Andrew Sutherland. I will explain how to extract arithmetic meaning from some of them and how they intervene in the equidistribution statements. Time permitting, this may allow me to report on other related works, co-authored also with Alina Bucur and Edgar Costa.